

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031825\
 Data File : VY021561.D
 Acq On : 18 Mar 2025 15:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/19/2025
 Supervised By :Semsettin Yesilyurt 03/19/2025

Quant Time: Mar 19 01:39:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	213080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	339738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	304548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	156491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	120769	53.624	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.240%			
35) Dibromofluoromethane	7.634	113	116916	52.355	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.700%			
50) Toluene-d8	10.109	98	426754	50.471	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.940%			
62) 4-Bromofluorobenzene	12.407	95	149907	52.120	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	82865	42.378	ug/l	99
3) Chloromethane	2.068	50	127731	46.333	ug/l	98
4) Vinyl Chloride	2.202	62	154149	51.168	ug/l	97
5) Bromomethane	2.598	94	107958	49.582	ug/l	98
6) Chloroethane	2.738	64	113525	57.023	ug/l	98
7) Trichlorofluoromethane	3.061	101	229500	54.579	ug/l	100
8) Diethyl Ether	3.458	74	60193	51.654	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.811	101	113896	47.441	ug/l	99
10) Methyl Iodide	4.006	142	137672	56.414	ug/l	100
11) Tert butyl alcohol	4.860	59	42329	292.948	ug/l	99
12) 1,1-Dichloroethene	3.787	96	105786	48.331	ug/l	99
13) Acrolein	3.665	56	3067	26.774	ug/l #	50
14) Allyl chloride	4.384	41	181227	51.235	ug/l	99
15) Acrylonitrile	5.055	53	136529	275.226	ug/l	98
16) Acetone	3.872	43	106872	217.569	ug/l	95
17) Carbon Disulfide	4.104	76	311482	45.408	ug/l	99
18) Methyl Acetate	4.384	43	81677	74.940	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	298704	53.843	ug/l	98
20) Methylene Chloride	4.616	84	125558	48.695	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	120639	49.215	ug/l	97
22) Diisopropyl ether	6.018	45	402076	52.745	ug/l	96
23) Vinyl Acetate	5.957	43	1103657	253.686	ug/l	99
24) 1,1-Dichloroethane	5.915	63	230987	51.341	ug/l	99
25) 2-Butanone	6.890	43	171156	251.889	ug/l	97
26) 2,2-Dichloropropane	6.884	77	198546	47.962	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	144937	52.047	ug/l	98
28) Bromochloromethane	7.244	49	99435	52.717	ug/l	99
29) Tetrahydrofuran	7.262	42	114546	273.064	ug/l	99
30) Chloroform	7.420	83	243013	52.017	ug/l	98
31) Cyclohexane	7.701	56	185665	44.018	ug/l	98
32) 1,1,1-Trichloroethane	7.615	97	214573	50.161	ug/l	99
36) 1,1-Dichloropropene	7.835	75	165093	47.229	ug/l	98
37) Ethyl Acetate	6.981	43	78139	50.575	ug/l	100
38) Carbon Tetrachloride	7.817	117	191481	47.630	ug/l	99
39) Methylcyclohexane	9.109	83	194622	45.390	ug/l	98
40) Benzene	8.079	78	509766	49.505	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031825\
 Data File : VY021561.D
 Acq On : 18 Mar 2025 15:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/19/2025
 Supervised By :Semsettin Yesilyurt 03/19/2025

Quant Time: Mar 19 01:39:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	43352	51.533	ug/l #	95
42) 1,2-Dichloroethane	8.158	62	146579	50.883	ug/l	100
43) Isopropyl Acetate	8.195	43	153580	51.206	ug/l #	89
44) Trichloroethene	8.865	130	128644	49.439	ug/l	97
45) 1,2-Dichloropropane	9.140	63	124374	50.750	ug/l	98
46) Dibromomethane	9.231	93	69619	51.055	ug/l	98
47) Bromodichloromethane	9.420	83	189056	52.206	ug/l	98
48) Methyl methacrylate	9.219	41	73176	53.133	ug/l	97
49) 1,4-Dioxane	9.225	88	15649	1169.204	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	422581	273.072	ug/l	100
52) Toluene	10.170	92	322386	49.659	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	166849	52.296	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	194081	51.237	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	92118	51.643	ug/l	97
56) Ethyl methacrylate	10.438	69	125059	54.973	ug/l	99
57) 1,3-Dichloropropane	10.719	76	161466	52.228	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	305145	290.572	ug/l	99
59) 2-Hexanone	10.761	43	277841	271.528	ug/l	99
60) Dibromochloromethane	10.914	129	130002	53.162	ug/l	98
61) 1,2-Dibromoethane	11.017	107	88082	52.321	ug/l	98
64) Tetrachloroethene	10.645	164	132962	53.690	ug/l	99
65) Chlorobenzene	11.444	112	354654	49.314	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	130109	51.171	ug/l	99
67) Ethyl Benzene	11.517	91	624990	49.512	ug/l	100
68) m/p-Xylenes	11.627	106	476699	99.471	ug/l	99
69) o-Xylene	11.956	106	225794	51.122	ug/l	99
70) Styrene	11.968	104	379464	51.788	ug/l	100
71) Bromoform	12.133	173	75031	52.788	ug/l #	99
73) Isopropylbenzene	12.255	105	593563	48.151	ug/l	99
74) N-amyl acetate	12.072	43	133132	49.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	105387	48.446	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	82333m	52.211	ug/l	
77) Bromobenzene	12.535	156	141227	48.970	ug/l	98
78) n-propylbenzene	12.596	91	716420	47.854	ug/l	100
79) 2-Chlorotoluene	12.682	91	411740	48.098	ug/l	100
80) 1,3,5-Trimethylbenzene	12.736	105	487711	48.684	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	32683	47.116	ug/l	98
82) 4-Chlorotoluene	12.779	91	431658	48.695	ug/l	99
83) tert-Butylbenzene	12.999	119	433609	48.519	ug/l	99
84) 1,2,4-Trimethylbenzene	13.047	105	492370	49.502	ug/l	100
85) sec-Butylbenzene	13.175	105	635269	47.776	ug/l	100
86) p-Isopropyltoluene	13.291	119	533716	48.721	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	278596	48.530	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	272727	48.578	ug/l	100
89) n-Butylbenzene	13.620	91	493433	48.780	ug/l	100
90) Hexachloroethane	13.883	117	112043	47.944	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	243298	49.449	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	16722	51.317	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	137855	51.296	ug/l	97
94) Hexachlorobutadiene	15.029	225	83814	49.753	ug/l	99
95) Naphthalene	15.145	128	244058	53.290	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	118266	52.324	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031825\
Data File : VY021561.D
Acq On : 18 Mar 2025 15:47
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/19/2025
Supervised By :Semsettin Yesilyurt 03/19/2025

Quant Time: Mar 19 01:39:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031825\
Data File : VY021561.D
Acq On : 18 Mar 2025 15:47
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 19 01:39:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/19/2025
Supervised By :Semsettin Yesilyurt 03/19/2025

