

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020799.D
 Acq On : 08 Jan 2025 09:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 09 00:15:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	208222	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.634	114	305199	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.432	117	251897	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.365	152	121375	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	88500	50.005	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.020%			
35) Dibromofluoromethane	7.658	113	93439	48.869	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.740%			
50) Toluene-d8	10.121	98	351589	52.748	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.500%			
62) 4-Bromofluorobenzene	12.420	95	120112	48.798	ug/l	0.01
Spiked Amount 50.000	Range 29 - 146		Recovery = 97.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.879	85	68340	44.721	ug/l	98
3) Chloromethane	2.086	50	45659	56.747	ug/l	95
4) Vinyl Chloride	2.220	62	51214	57.258	ug/l	98
5) Bromomethane	2.617	94	31799	49.914	ug/l	99
6) Chloroethane	2.757	64	32491	58.900	ug/l	95
7) Trichlorofluoromethane	3.086	101	135953	49.524	ug/l	94
8) Diethyl Ether	3.476	74	42759	49.808	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.842	101	89456	48.254	ug/l	100
10) Methyl Iodide	4.031	142	100965	50.820	ug/l	97
11) Tert butyl alcohol	4.903	59	28650	214.234	ug/l	100
12) 1,1-Dichloroethene	3.818	96	80412	49.522	ug/l	97
13) Acrolein	3.671	56	5944	158.270	ug/l	97
14) Allyl chloride	4.415	41	120489	51.433	ug/l	95
15) Acrylonitrile	5.092	53	93191	255.419	ug/l	99
16) Acetone	3.897	43	61851	245.761	ug/l	92
17) Carbon Disulfide	4.135	76	185457	52.648	ug/l	100
18) Methyl Acetate	4.409	43	45293	53.301	ug/l	98
19) Methyl tert-butyl Ether	5.147	73	224689	49.032	ug/l	99
20) Methylene Chloride	4.641	84	86246	49.622	ug/l	99
21) trans-1,2-Dichloroethene	5.147	96	87938	49.178	ug/l	98
22) Diisopropyl ether	6.043	45	262102	52.522	ug/l	98
23) Vinyl Acetate	5.988	43	721490	262.216	ug/l	99
24) 1,1-Dichloroethane	5.945	63	163073	49.530	ug/l	100
25) 2-Butanone	6.915	43	105927	256.225	ug/l	98
26) 2,2-Dichloropropane	6.915	77	160732	47.019	ug/l	99
27) cis-1,2-Dichloroethene	6.915	96	110974	49.188	ug/l	99
28) Bromochloromethane	7.268	49	49423	55.630	ug/l	96
29) Tetrahydrofuran	7.286	42	70535	267.089	ug/l	97
30) Chloroform	7.445	83	179441	47.791	ug/l	97
31) Cyclohexane	7.725	56	122686	47.640	ug/l	97
32) 1,1,1-Trichloroethane	7.640	97	169418	46.259	ug/l	99
36) 1,1-Dichloropropene	7.860	75	120414	49.374	ug/l	99
37) Ethyl Acetate	7.006	43	51530	53.095	ug/l	98
38) Carbon Tetrachloride	7.841	117	157574	46.416	ug/l	97
39) Methylcyclohexane	9.128	83	149233	49.866	ug/l	98
40) Benzene	8.103	78	369269	49.334	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020799.D
 Acq On : 08 Jan 2025 09:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 09 00:15:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	27505	49.486	ug/l	96
42) 1,2-Dichloroethane	8.177	62	100626	49.228	ug/l	100
43) Isopropyl Acetate	8.213	43	102153	51.749	ug/l	99
44) Trichloroethene	8.884	130	100459	48.145	ug/l	96
45) 1,2-Dichloropropane	9.158	63	86491	50.971	ug/l	99
46) Dibromomethane	9.249	93	48578	49.854	ug/l	98
47) Bromodichloromethane	9.438	83	135618	48.597	ug/l	95
48) Methyl methacrylate	9.237	41	47117	53.241	ug/l	98
49) 1,4-Dioxane	9.249	88	9492	917.491	ug/l	96
51) 4-Methyl-2-Pentanone	10.012	43	260026	263.668	ug/l	99
52) Toluene	10.188	92	242249	48.874	ug/l	99
53) t-1,3-Dichloropropene	10.408	75	122633	49.409	ug/l	100
54) cis-1,3-Dichloropropene	9.871	75	142522	49.443	ug/l	98
55) 1,1,2-Trichloroethane	10.585	97	68040	48.877	ug/l	97
56) Ethyl methacrylate	10.451	69	91568	52.085	ug/l	98
57) 1,3-Dichloropropane	10.731	76	113125	49.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.725	63	193288	277.139	ug/l	98
59) 2-Hexanone	10.774	43	169138	267.333	ug/l	98
60) Dibromochloromethane	10.926	129	96999	48.044	ug/l	100
61) 1,2-Dibromoethane	11.030	107	62373	49.908	ug/l	99
64) Tetrachloroethene	10.664	164	87902	47.464	ug/l	98
65) Chlorobenzene	11.456	112	270256	48.525	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.530	131	100006	47.168	ug/l	98
67) Ethyl Benzene	11.536	91	474754	49.236	ug/l	99
68) m/p-Xylenes	11.645	106	362267	97.581	ug/l	99
69) o-Xylene	11.969	106	170304	48.382	ug/l	99
70) Styrene	11.987	104	290105	48.960	ug/l	100
71) Bromoform	12.145	173	57670	47.847	ug/l #	99
73) Isopropylbenzene	12.267	105	467302	48.531	ug/l	100
74) N-amyl acetate	12.084	43	85858	54.511	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.523	83	73734	50.523	ug/l	98
76) 1,2,3-Trichloropropane	12.572	75	58653m	55.229	ug/l	
77) Bromobenzene	12.548	156	105822	47.667	ug/l	96
78) n-propylbenzene	12.609	91	542883	49.672	ug/l	99
79) 2-Chlorotoluene	12.694	91	309488	49.173	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	378309	48.480	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	25640	50.906	ug/l	98
82) 4-Chlorotoluene	12.792	91	311347	47.935	ug/l	99
83) tert-Butylbenzene	13.011	119	353300	48.407	ug/l	98
84) 1,2,4-Trimethylbenzene	13.060	105	373205	48.975	ug/l	99
85) sec-Butylbenzene	13.188	105	500977	49.142	ug/l	99
86) p-Isopropyltoluene	13.304	119	422450	48.577	ug/l	100
87) 1,3-Dichlorobenzene	13.304	146	208980	48.447	ug/l	99
88) 1,4-Dichlorobenzene	13.383	146	203398	47.902	ug/l	100
89) n-Butylbenzene	13.633	91	373056	49.446	ug/l	99
90) Hexachloroethane	13.895	117	82327	47.145	ug/l	99
91) 1,2-Dichlorobenzene	13.676	146	179295	47.539	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.291	75	10716	45.412	ug/l	99
93) 1,2,4-Trichlorobenzene	14.938	180	107683	49.611	ug/l	99
94) Hexachlorobutadiene	15.041	225	71730	46.877	ug/l	99
95) Naphthalene	15.163	128	174543	48.859	ug/l	99
96) 1,2,3-Trichlorobenzene	15.346	180	87923	48.350	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
Data File : VY020799.D
Acq On : 08 Jan 2025 09:48
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

Quant Time: Jan 09 00:15:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 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\VY010825\
Data File : VY020799.D
Acq On : 08 Jan 2025 09:48
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

Quant Time: Jan 09 00:15:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

