

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021731.D
 Acq On : 01 Apr 2025 10:13
 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 :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:21:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	267136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	417982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	368359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	185609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	136075	47.014	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.020%		
35) Dibromofluoromethane	7.628	113	133944	49.401	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.800%		
50) Toluene-d8	10.103	98	513066	49.740	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.480%		
62) 4-Bromofluorobenzene	12.407	95	176122	50.479	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	134416	48.547	ug/l	99
3) Chloromethane	2.068	50	176456	45.323	ug/l	99
4) Vinyl Chloride	2.202	62	206500	46.900	ug/l	99
5) Bromomethane	2.592	94	137266	45.709	ug/l	96
6) Chloroethane	2.732	64	132294	45.918	ug/l	97
7) Trichlorofluoromethane	3.055	101	278436	49.366	ug/l	95
8) Diethyl Ether	3.452	74	74100	48.310	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.811	101	148970	50.077	ug/l	99
10) Methyl Iodide	4.000	142	170850	52.351	ug/l	99
11) Tert butyl alcohol	4.860	59	42437	225.735	ug/l	97
12) 1,1-Dichloroethene	3.787	96	140564	50.166	ug/l	96
13) Acrolein	3.647	56	48810	142.192	ug/l	100
14) Allyl chloride	4.378	41	218387	48.883	ug/l	98
15) Acrylonitrile	5.049	53	152707	238.441	ug/l	99
16) Acetone	3.866	43	118444	199.954	ug/l	100
17) Carbon Disulfide	4.104	76	446985	48.433	ug/l	100
18) Methyl Acetate	4.378	43	76579	52.162	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	352917	50.590	ug/l	97
20) Methylene Chloride	4.610	84	152033	52.656	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	155717	50.474	ug/l	96
22) Diisopropyl ether	6.018	45	466330	49.759	ug/l	98
23) Vinyl Acetate	5.957	43	1338386	244.119	ug/l	99
24) 1,1-Dichloroethane	5.915	63	278076	49.622	ug/l	99
25) 2-Butanone	6.890	43	190328	224.955	ug/l	98
26) 2,2-Dichloropropane	6.884	77	247075	49.566	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	178722	51.514	ug/l	97
28) Bromochloromethane	7.238	49	107313	45.407	ug/l	96
29) Tetrahydrofuran	7.256	42	130067	238.865	ug/l	99
30) Chloroform	7.414	83	290391	49.822	ug/l	98
31) Cyclohexane	7.701	56	244653	47.893	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	263084	49.940	ug/l	99
36) 1,1-Dichloropropene	7.835	75	209338	50.689	ug/l	99
37) Ethyl Acetate	6.975	43	91307	46.847	ug/l	100
38) Carbon Tetrachloride	7.817	117	243670	51.515	ug/l	98
39) Methylcyclohexane	9.109	83	262352	53.177	ug/l	98
40) Benzene	8.079	78	622767	50.353	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021731.D
 Acq On : 01 Apr 2025 10:13
 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 :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:21:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	49923	48.231	ug/l #	100
42) 1,2-Dichloroethane	8.152	62	170747	48.971	ug/l	100
43) Isopropyl Acetate	8.195	43	179833	48.688	ug/l	99
44) Trichloroethene	8.859	130	162593	51.597	ug/l	98
45) 1,2-Dichloropropane	9.140	63	148025	50.563	ug/l	99
46) Dibromomethane	9.231	93	84173	49.889	ug/l	98
47) Bromodichloromethane	9.420	83	221026	50.556	ug/l	99
48) Methyl methacrylate	9.219	41	84385	49.779	ug/l	99
49) 1,4-Dioxane	9.225	88	18431	1019.727	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	470787	244.928	ug/l	100
52) Toluene	10.170	92	402014	52.098	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	200228	51.562	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	232150	50.675	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	111496	51.351	ug/l	97
56) Ethyl methacrylate	10.438	69	147342	53.145	ug/l	98
57) 1,3-Dichloropropane	10.713	76	189537	50.545	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	353396	261.293	ug/l	99
59) 2-Hexanone	10.761	43	310936	242.897	ug/l	97
60) Dibromochloromethane	10.908	129	154318	52.056	ug/l	99
61) 1,2-Dibromoethane	11.011	107	104915	51.510	ug/l	98
64) Tetrachloroethene	10.646	164	171463	51.108	ug/l	99
65) Chlorobenzene	11.438	112	428457	50.741	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	154021	51.410	ug/l	100
67) Ethyl Benzene	11.517	91	761863	52.616	ug/l	100
68) m/p-Xylenes	11.627	106	583007	105.148	ug/l	99
69) o-Xylene	11.956	106	274181	53.570	ug/l	100
70) Styrene	11.968	104	466097	54.619	ug/l	98
71) Bromoform	12.133	173	88511	51.793	ug/l #	99
73) Isopropylbenzene	12.255	105	728894	52.872	ug/l	99
74) N-amyl acetate	12.072	43	160475	49.600	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	119944	48.393	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	91070m	49.498	ug/l	
77) Bromobenzene	12.535	156	169113	51.092	ug/l	99
78) n-propylbenzene	12.596	91	876144	52.863	ug/l	99
79) 2-Chlorotoluene	12.682	91	498171	51.750	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	597954	53.071	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	40075	50.188	ug/l	99
82) 4-Chlorotoluene	12.779	91	513706	51.186	ug/l	99
83) tert-Butylbenzene	12.999	119	533297	53.141	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	587932	52.796	ug/l	99
85) sec-Butylbenzene	13.176	105	778157	53.059	ug/l	100
86) p-Isopropyltoluene	13.291	119	652775	53.853	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	335519	51.450	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	324792	50.410	ug/l	98
89) n-Butylbenzene	13.621	91	599905	53.515	ug/l	100
90) Hexachloroethane	13.883	117	133741	50.349	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	291106	51.280	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18431	47.978	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	167937	54.551	ug/l	100
94) Hexachlorobutadiene	15.029	225	101814	52.955	ug/l	99
95) Naphthalene	15.145	128	281604	55.186	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	140280	53.436	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
Data File : VY021731.D
Acq On : 01 Apr 2025 10:13
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:21:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 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\VY040125\
 Data File : VY021731.D
 Acq On : 01 Apr 2025 10:13
 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: Apr 02 03:21:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

