

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020827.D
 Acq On : 15 Jan 2025 09:42
 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 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 00:54:34 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)

Internal Standards						
1) Pentafluorobenzene	7.719	168	225615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	324695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	267827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	129762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	89300	46.567	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.140%		
35) Dibromofluoromethane	7.646	113	99765	49.044	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.080%		
50) Toluene-d8	10.115	98	381325	53.774	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	107.540%		
62) 4-Bromofluorobenzene	12.414	95	125287	47.844	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	95.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	74895	45.233	ug/l	98
3) Chloromethane	2.080	50	49059	56.272	ug/l	99
4) Vinyl Chloride	2.214	62	57773	59.611	ug/l	98
5) Bromomethane	2.611	94	35103	50.853	ug/l	98
6) Chloroethane	2.751	64	36087	60.375	ug/l	91
7) Trichlorofluoromethane	3.074	101	150947	50.746	ug/l	95
8) Diethyl Ether	3.470	74	45906	49.351	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.836	101	103477	51.514	ug/l	100
10) Methyl Iodide	4.025	142	110248	51.215	ug/l	96
11) Tert butyl alcohol	4.884	59	27872	192.349	ug/l #	86
12) 1,1-Dichloroethene	3.805	96	90727	51.567	ug/l	96
13) Acrolein	3.671	56	5817	142.948	ug/l	96
14) Allyl chloride	4.403	41	133880	52.744	ug/l	95
15) Acrylonitrile	5.080	53	94649	239.416	ug/l	98
16) Acetone	3.885	43	63113	231.442	ug/l	99
17) Carbon Disulfide	4.129	76	202300	53.003	ug/l	100
18) Methyl Acetate	4.409	43	46938	50.978	ug/l	96
19) Methyl tert-butyl Ether	5.134	73	232695	46.864	ug/l	99
20) Methylene Chloride	4.635	84	93389	49.589	ug/l	95
21) trans-1,2-Dichloroethene	5.134	96	96654	49.885	ug/l	96
22) Diisopropyl ether	6.037	45	292566	54.107	ug/l	100
23) Vinyl Acetate	5.976	43	758204	254.316	ug/l	99
24) 1,1-Dichloroethane	5.933	63	182924	51.276	ug/l	96
25) 2-Butanone	6.915	43	107790	240.632	ug/l	100
26) 2,2-Dichloropropane	6.902	77	178698	48.245	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	121434	49.675	ug/l	99
28) Bromochloromethane	7.262	49	57846	60.092	ug/l	93
29) Tetrahydrofuran	7.274	42	69601	243.234	ug/l	97
30) Chloroform	7.433	83	196594	48.323	ug/l	98
31) Cyclohexane	7.719	56	141675	50.772	ug/l	97
32) 1,1,1-Trichloroethane	7.634	97	187350	47.212	ug/l	99
36) 1,1-Dichloropropene	7.847	75	135497	52.223	ug/l	99
37) Ethyl Acetate	7.000	43	51516	49.894	ug/l	99
38) Carbon Tetrachloride	7.829	117	176071	48.750	ug/l	99
39) Methylcyclohexane	9.122	83	169317	53.179	ug/l	97
40) Benzene	8.091	78	410221	51.515	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020827.D
 Acq On : 15 Jan 2025 09:42
 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 16 00:54:34 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 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	29584	50.031	ug/l	98
42) 1,2-Dichloroethane	8.170	62	104689	48.140	ug/l	99
43) Isopropyl Acetate	8.207	43	105745	50.352	ug/l	98
44) Trichloroethene	8.878	130	110789	49.908	ug/l	98
45) 1,2-Dichloropropane	9.152	63	95743	53.036	ug/l	99
46) Dibromomethane	9.243	93	50660	48.869	ug/l	99
47) Bromodichloromethane	9.432	83	146992	49.511	ug/l	99
48) Methyl methacrylate	9.231	41	49056	52.104	ug/l	96
49) 1,4-Dioxane	9.243	88	10670	969.429	ug/l	96
51) 4-Methyl-2-Pentanone	10.006	43	262400	250.099	ug/l	99
52) Toluene	10.182	92	268110	50.844	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	130133	49.282	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	154030	50.227	ug/l	97
55) 1,1,2-Trichloroethane	10.585	97	73198	49.425	ug/l	99
56) Ethyl methacrylate	10.451	69	94830	50.701	ug/l	98
57) 1,3-Dichloropropane	10.725	76	120839	50.056	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	171176	230.698	ug/l	96
59) 2-Hexanone	10.768	43	168216	249.912	ug/l	99
60) Dibromochloromethane	10.920	129	103929	48.386	ug/l	98
61) 1,2-Dibromoethane	11.024	107	64419	48.450	ug/l	99
64) Tetrachloroethene	10.658	164	100075	50.823	ug/l	97
65) Chlorobenzene	11.450	112	296190	50.018	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	107914	47.870	ug/l	96
67) Ethyl Benzene	11.530	91	521703	50.887	ug/l	100
68) m/p-Xylenes	11.639	106	397610	100.730	ug/l	100
69) o-Xylene	11.962	106	189619	50.665	ug/l	97
70) Styrene	11.981	104	316784	50.283	ug/l	99
71) Bromoform	12.145	173	60434	47.158	ug/l #	99
73) Isopropylbenzene	12.267	105	523488	50.852	ug/l	100
74) N-amyl acetate	12.078	43	89615	53.219	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	76894	49.283	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	51334m	45.213	ug/l	
77) Bromobenzene	12.542	156	117242	49.398	ug/l	98
78) n-propylbenzene	12.603	91	606916	51.942	ug/l	98
79) 2-Chlorotoluene	12.688	91	339279	50.423	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	419801	50.320	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	26325	48.888	ug/l	98
82) 4-Chlorotoluene	12.786	91	347356	50.023	ug/l	99
83) tert-Butylbenzene	13.005	119	404510	51.842	ug/l	95
84) 1,2,4-Trimethylbenzene	13.054	105	412931	50.686	ug/l	99
85) sec-Butylbenzene	13.188	105	560128	51.393	ug/l	100
86) p-Isopropyltoluene	13.304	119	474016	50.983	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	230718	50.030	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	222161	48.940	ug/l	99
89) n-Butylbenzene	13.627	91	420548	52.138	ug/l	100
90) Hexachloroethane	13.889	117	92940	49.783	ug/l	98
91) 1,2-Dichlorobenzene	13.669	146	198148	49.142	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	11424	45.283	ug/l	98
93) 1,2,4-Trichlorobenzene	14.931	180	120754	52.038	ug/l	100
94) Hexachlorobutadiene	15.035	225	82479	50.418	ug/l	98
95) Naphthalene	15.157	128	191943	50.257	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	99154	51.002	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
Data File : VY020827.D
Acq On : 15 Jan 2025 09:42
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 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 00:54:34 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

