

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
 Data File : VY021234.D
 Acq On : 18 Feb 2025 16:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 04:16:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	179993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	278519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	245993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	123334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	92731	50.283	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.560%			
35) Dibromofluoromethane	7.646	113	89634	50.217	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.440%			
50) Toluene-d8	10.115	98	336926	49.582	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.160%			
62) 4-Bromofluorobenzene	12.414	95	121649	54.796	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	59751	37.246	ug/l	98
3) Chloromethane	2.074	50	63415	40.059	ug/l	97
4) Vinyl Chloride	2.214	62	68908	43.247	ug/l	100
5) Bromomethane	2.604	94	44214	44.896	ug/l	98
6) Chloroethane	2.745	64	45141	47.592	ug/l	95
7) Trichlorofluoromethane	3.068	101	127562	43.944	ug/l	99
8) Diethyl Ether	3.464	74	40339	44.514	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	79029	43.378	ug/l	96
10) Methyl Iodide	4.019	142	87551	43.255	ug/l	93
11) Tert butyl alcohol	4.878	59	25055	200.486	ug/l	97
12) 1,1-Dichloroethene	3.799	96	75038	43.723	ug/l	89
13) Acrolein	3.659	56	33957	176.454	ug/l	95
14) Allyl chloride	4.397	41	132419	45.782	ug/l	95
15) Acrylonitrile	5.074	53	86870	230.206	ug/l	98
16) Acetone	3.879	43	64051	222.713	ug/l	99
17) Carbon Disulfide	4.116	76	208049	38.660	ug/l	99
18) Methyl Acetate	4.391	43	51242	50.756	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	203579	46.932	ug/l	98
20) Methylene Chloride	4.629	84	83807	46.876	ug/l	95
21) trans-1,2-Dichloroethene	5.128	96	82834	43.848	ug/l	92
22) Diisopropyl ether	6.031	45	288041	48.314	ug/l	96
23) Vinyl Acetate	5.970	43	779862	234.652	ug/l	98
24) 1,1-Dichloroethane	5.927	63	162017	46.384	ug/l	99
25) 2-Butanone	6.902	43	111471	235.870	ug/l	100
26) 2,2-Dichloropropane	6.896	77	149168	46.154	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	100603	46.267	ug/l	93
28) Bromochloromethane	7.256	49	68777	49.795	ug/l	98
29) Tetrahydrofuran	7.268	42	74465	232.857	ug/l	95
30) Chloroform	7.427	83	166108	46.298	ug/l	98
31) Cyclohexane	7.707	56	132248	42.044	ug/l	94
32) 1,1,1-Trichloroethane	7.628	97	153654	46.064	ug/l	99
36) 1,1-Dichloropropene	7.841	75	116811	44.183	ug/l	99
37) Ethyl Acetate	6.994	43	52029	44.860	ug/l	99
38) Carbon Tetrachloride	7.829	117	137836	44.619	ug/l	99
39) Methylcyclohexane	9.116	83	145124	44.876	ug/l	97
40) Benzene	8.091	78	355020	45.758	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
 Data File : VY021234.D
 Acq On : 18 Feb 2025 16:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 04:16:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	26366	39.294	ug/l #	88
42) 1,2-Dichloroethane	8.164	62	99148	46.067	ug/l	97
43) Isopropyl Acetate	8.201	43	109382	47.463	ug/l	97
44) Trichloroethene	8.872	130	90171	44.984	ug/l	95
45) 1,2-Dichloropropane	9.146	63	86411	46.924	ug/l	98
46) Dibromomethane	9.237	93	46496	45.602	ug/l	96
47) Bromodichloromethane	9.433	83	130086	47.572	ug/l	95
48) Methyl methacrylate	9.225	41	50343	47.957	ug/l	95
49) 1,4-Dioxane	9.237	88	9293	979.059	ug/l	92
51) 4-Methyl-2-Pentanone	10.006	43	277189	239.184	ug/l	98
52) Toluene	10.176	92	222167	45.604	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	117550	47.874	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	139100	47.846	ug/l	94
55) 1,1,2-Trichloroethane	10.579	97	61323	46.445	ug/l	97
56) Ethyl methacrylate	10.445	69	88334	50.011	ug/l	93
57) 1,3-Dichloropropane	10.725	76	108172	47.333	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	229005	272.524	ug/l	99
59) 2-Hexanone	10.768	43	183358	245.733	ug/l	97
60) Dibromochloromethane	10.920	129	86814	46.820	ug/l	99
61) 1,2-Dibromoethane	11.024	107	58087	46.969	ug/l	99
64) Tetrachloroethene	10.652	164	77959	42.691	ug/l	97
65) Chlorobenzene	11.450	112	246416	44.987	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	88664	45.550	ug/l	98
67) Ethyl Benzene	11.524	91	443571	45.785	ug/l	100
68) m/p-Xylenes	11.633	106	328680	90.687	ug/l	97
69) o-Xylene	11.963	106	159724	47.269	ug/l	98
70) Styrene	11.975	104	265514	47.145	ug/l	98
71) Bromoform	12.139	173	49370	45.566	ug/l #	99
73) Isopropylbenzene	12.261	105	427761	44.401	ug/l	100
74) N-amyl acetate	12.078	43	99826	47.394	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	71084	44.364	ug/l	97
76) 1,2,3-Trichloropropane	12.566	75	54359m	48.587	ug/l	
77) Bromobenzene	12.542	156	97541	43.874	ug/l	92
78) n-propylbenzene	12.603	91	502965	43.826	ug/l	99
79) 2-Chlorotoluene	12.688	91	286472	43.583	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	346358	44.342	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	24114	43.980	ug/l	97
82) 4-Chlorotoluene	12.786	91	292484	43.674	ug/l	99
83) tert-Butylbenzene	13.005	119	313933	44.217	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	340384	44.568	ug/l	99
85) sec-Butylbenzene	13.182	105	447069	43.744	ug/l	97
86) p-Isopropyltoluene	13.298	119	378239	44.553	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	186022	43.334	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	179933	42.571	ug/l	99
89) n-Butylbenzene	13.627	91	354866	45.819	ug/l	99
90) Hexachloroethane	13.889	117	75952	42.885	ug/l	85
91) 1,2-Dichlorobenzene	13.670	146	162778	43.688	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10915	45.586	ug/l	97
93) 1,2,4-Trichlorobenzene	14.932	180	100865	48.635	ug/l	99
94) Hexachlorobutadiene	15.029	225	64183	46.701	ug/l	99
95) Naphthalene	15.151	128	180086	54.275	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	85437	49.502	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
Data File : VY021234.D
Acq On : 18 Feb 2025 16:55
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 04:16:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

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

