

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011936.D
 Acq On : 20 Dec 2022 20:40
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 00:11:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	215942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	334448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	307122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	107540	49.431	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.860%		
35) Dibromofluoromethane	7.716	113	100059	49.695	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.380%		
50) Toluene-d8	10.179	98	405607	49.651	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.300%		
62) 4-Bromofluorobenzene	12.483	95	134167	48.833	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	85221	49.506	ug/l	97
3) Chloromethane	2.113	50	95146	49.506	ug/l	97
4) Vinyl Chloride	2.253	62	102594	48.405	ug/l	98
5) Bromomethane	2.650	94	72646	48.177	ug/l	93
6) Chloroethane	2.796	64	65751	47.460	ug/l	97
7) Trichlorofluoromethane	3.131	101	176818	47.657	ug/l	96
8) Diethyl Ether	3.534	74	55871	48.804	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	98872	48.408	ug/l	98
10) Methyl Iodide	4.094	142	138853	49.136	ug/l	98
11) Tert butyl alcohol	4.954	59	49316	228.225	ug/l	99
12) 1,1-Dichloroethene	3.875	96	99554	48.728	ug/l	96
13) Acrolein	3.729	56	44769	220.135	ug/l	99
14) Allyl chloride	4.485	41	146357	48.645	ug/l	96
15) Acrylonitrile	5.161	53	134288	252.169	ug/l	99
16) Acetone	3.948	43	119370	185.070	ug/l	97
17) Carbon Disulfide	4.198	76	315365	48.390	ug/l	99
18) Methyl Acetate	4.478	43	72765	48.404	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	266207	50.783	ug/l	96
20) Methylene Chloride	4.716	84	127368	51.003	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	112664	48.532	ug/l	96
22) Diisopropyl ether	6.118	45	305991	51.639	ug/l	95
23) Vinyl Acetate	6.057	43	900184	264.045	ug/l	99
24) 1,1-Dichloroethane	6.021	63	189730	49.259	ug/l	98
25) 2-Butanone	6.984	43	166065	229.150	ug/l	100
26) 2,2-Dichloropropane	6.984	77	172417	45.746	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	126200	50.263	ug/l	97
28) Bromochloromethane	7.338	49	54536	51.597	ug/l	96
29) Tetrahydrofuran	7.350	42	107464	261.726	ug/l	96
30) Chloroform	7.508	83	204022	49.143	ug/l	97
31) Cyclohexane	7.789	56	169733	46.344	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	190164	48.158	ug/l	99
36) 1,1-Dichloropropene	7.917	75	153034	47.384	ug/l	99
37) Ethyl Acetate	7.076	43	72938	50.337	ug/l	98
38) Carbon Tetrachloride	7.905	117	178691	47.906	ug/l	99
39) Methylcyclohexane	9.185	83	190381	48.989	ug/l	100
40) Benzene	8.161	78	449052	48.585	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011936.D
 Acq On : 20 Dec 2022 20:40
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 00:11:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	43769m	62.466	ug/l	
42) 1,2-Dichloroethane	8.240	62	132654	49.856	ug/l	100
43) Isopropyl Acetate	8.270	43	132803	50.183	ug/l	98
44) Trichloroethene	8.941	130	124511	47.794	ug/l	99
45) 1,2-Dichloropropane	9.215	63	104142	48.767	ug/l	100
46) Dibromomethane	9.307	93	60976	49.570	ug/l	98
47) Bromodichloromethane	9.496	83	155629	49.869	ug/l	97
48) Methyl methacrylate	9.295	41	64222	52.413	ug/l	98
49) 1,4-Dioxane	9.295	88	15663	1066.486	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	361595	256.249	ug/l	98
52) Toluene	10.246	92	288877	49.057	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	154916	49.127	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	177156	49.980	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	86976	49.826	ug/l	98
56) Ethyl methacrylate	10.508	69	114988	52.029	ug/l	98
57) 1,3-Dichloropropane	10.788	76	147485	50.629	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	217487	255.019	ug/l	97
59) 2-Hexanone	10.831	43	255743	246.352	ug/l	99
60) Dibromochloromethane	10.983	129	111179	50.559	ug/l	99
61) 1,2-Dibromoethane	11.087	107	82739	50.663	ug/l	98
64) Tetrachloroethene	10.721	164	128379	47.755	ug/l	98
65) Chlorobenzene	11.520	112	306031	47.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	115427	48.650	ug/l	99
67) Ethyl Benzene	11.593	91	557337	48.351	ug/l	99
68) m/p-Xylenes	11.703	106	434385	96.898	ug/l	99
69) o-Xylene	12.032	106	206370	49.476	ug/l	98
70) Styrene	12.044	104	347751	49.653	ug/l	99
71) Bromoform	12.209	173	69430	49.385	ug/l	100
73) Isopropylbenzene	12.331	105	550820	49.326	ug/l	100
74) N-amyl acetate	12.142	43	116148	50.733	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	92346	49.570	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	75536m	40.339	ug/l	
77) Bromobenzene	12.611	156	127105	49.199	ug/l	98
78) n-propylbenzene	12.672	91	652825	48.635	ug/l	100
79) 2-Chlorotoluene	12.757	91	362632	48.061	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	472093	49.378	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	33410	48.860	ug/l	98
82) 4-Chlorotoluene	12.855	91	379036	48.552	ug/l	100
83) tert-Butylbenzene	13.075	119	400372	49.412	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	462645	49.187	ug/l	99
85) sec-Butylbenzene	13.251	105	585787	48.415	ug/l	99
86) p-Isopropyltoluene	13.367	119	499377	48.914	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	248958	47.917	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	245223	47.476	ug/l	99
89) n-Butylbenzene	13.696	91	448909	48.572	ug/l	99
90) Hexachloroethane	13.958	117	94172	48.343	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	220850	48.757	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16030	50.070	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	132708	49.805	ug/l	98
94) Hexachlorobutadiene	15.111	225	82109	47.690	ug/l	99
95) Naphthalene	15.233	128	258770	46.875	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	114983	51.040	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
Data File : VY011936.D
Acq On : 20 Dec 2022 20:40
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 00:11:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

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

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

