

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012166.D
 Acq On : 11 Jan 2023 16:21
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023

Quant Time: Jan 12 05:50:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	208610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	325653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	305773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	107191	45.729	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.460%		
35) Dibromofluoromethane	7.715	113	102062	47.682	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.360%		
50) Toluene-d8	10.178	98	384754	45.541	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.080%		
62) 4-Bromofluorobenzene	12.483	95	149234	50.535	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	65806	38.835	ug/l	100
3) Chloromethane	2.113	50	67762	44.336	ug/l	99
4) Vinyl Chloride	2.253	62	82731	40.805	ug/l	95
5) Bromomethane	2.655	94	61393	45.921	ug/l	99
6) Chloroethane	2.796	64	58885	43.837	ug/l	98
7) Trichlorofluoromethane	3.125	101	172309	42.660	ug/l	95
8) Diethyl Ether	3.527	74	60948	49.285	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	97182	46.730	ug/l	96
10) Methyl Iodide	4.094	142	128853	45.705	ug/l	99
11) Tert butyl alcohol	4.978	59	50899	176.190	ug/l	97
12) 1,1-Dichloroethene	3.875	96	94111	46.159	ug/l	95
13) Acrolein	3.734	56	24429	194.610	ug/l	99
14) Allyl chloride	4.484	41	138023	50.218	ug/l	95
15) Acrylonitrile	5.167	53	151778	261.228	ug/l	100
16) Acetone	3.954	43	118797	215.441	ug/l	94
17) Carbon Disulfide	4.198	76	227495	45.889	ug/l	100
18) Methyl Acetate	4.478	43	80247	50.591	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	312066	52.002	ug/l	96
20) Methylene Chloride	4.716	84	135500	59.215	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	108036	47.887	ug/l	97
22) Diisopropyl ether	6.118	45	310186	54.862	ug/l	96
23) Vinyl Acetate	6.063	43	939138	274.490	ug/l	95
24) 1,1-Dichloroethane	6.014	63	194145	51.623	ug/l	99
25) 2-Butanone	6.990	43	183032	251.585	ug/l	95
26) 2,2-Dichloropropane	6.978	77	193103	47.596	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	133703	51.888	ug/l	95
28) Bromochloromethane	7.337	49	46954	49.384	ug/l	86
29) Tetrahydrofuran	7.350	42	116433	274.180	ug/l	92
30) Chloroform	7.508	83	219461	51.192	ug/l	98
31) Cyclohexane	7.789	56	150019	50.723	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	203504	48.874	ug/l	99
36) 1,1-Dichloropropene	7.917	75	149552	46.053	ug/l	97
37) Ethyl Acetate	7.075	43	83167	47.831	ug/l #	96
38) Carbon Tetrachloride	7.904	117	184257	44.703	ug/l	98
39) Methylcyclohexane	9.185	83	182741	47.107	ug/l	96
40) Benzene	8.160	78	453461	47.920	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	48146m	50.912	ug/l	
42) 1,2-Dichloroethane	8.234	62	140601	46.931	ug/l	99
43) Isopropyl Acetate	8.276	43	154069	52.873	ug/l	96
44) Trichloroethene	8.941	130	135881	49.177	ug/l	97
45) 1,2-Dichloropropane	9.215	63	113281	53.728	ug/l	98
46) Dibromomethane	9.307	93	68081	51.292	ug/l	97
47) Bromodichloromethane	9.496	83	174189	51.612	ug/l	98
48) Methyl methacrylate	9.294	41	70829	54.264	ug/l	93
49) 1,4-Dioxane	9.307	88	18605	1012.234	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	429571	277.049	ug/l	96
52) Toluene	10.245	92	307853	49.149	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	182152	51.881	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	199055	52.406	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	102609	53.525	ug/l	98
56) Ethyl methacrylate	10.508	69	140470	55.936	ug/l	96
57) 1,3-Dichloropropane	10.788	76	171048	54.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	249656	271.790	ug/l	94
59) 2-Hexanone	10.831	43	302094	277.470	ug/l	95
60) Dibromochloromethane	10.983	129	131415	51.991	ug/l	100
61) 1,2-Dibromoethane	11.087	107	97720	53.259	ug/l	98
64) Tetrachloroethene	10.721	164	144251	48.157	ug/l	97
65) Chlorobenzene	11.514	112	346235	49.580	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	137439	50.976	ug/l	98
67) Ethyl Benzene	11.593	91	615418	49.304	ug/l	98
68) m/p-Xylenes	11.702	106	478925	97.826	ug/l	98
69) o-Xylene	12.032	106	232807	49.943	ug/l	100
70) Styrene	12.044	104	399758	50.486	ug/l	99
71) Bromoform	12.209	173	89837	52.442	ug/l #	99
73) Isopropylbenzene	12.330	105	628649	49.763	ug/l	99
74) N-amyl acetate	12.141	43	154605	59.281	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.580	83	113396	53.362	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	94877m	52.047	ug/l	
77) Bromobenzene	12.611	156	150917	50.089	ug/l	95
78) n-propylbenzene	12.672	91	721985	48.957	ug/l	99
79) 2-Chlorotoluene	12.757	91	413871	49.061	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	524976	48.451	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	42590	51.888	ug/l	95
82) 4-Chlorotoluene	12.855	91	434531	49.249	ug/l	98
83) tert-Butylbenzene	13.074	119	468115	49.309	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	526521	49.091	ug/l	99
85) sec-Butylbenzene	13.251	105	670383	49.129	ug/l	99
86) p-Isopropyltoluene	13.367	119	574512	48.598	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	290502	48.100	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	291268	48.277	ug/l	99
89) n-Butylbenzene	13.696	91	521955	50.950	ug/l	99
90) Hexachloroethane	13.958	117	108132	49.304	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	268153	49.837	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.354	75	22057	52.224	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	179787	53.595	ug/l	99
94) Hexachlorobutadiene	15.110	225	101782	50.288	ug/l	100
95) Naphthalene	15.232	128	391597	58.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	160054	54.877	ug/l	99

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

