

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012433.D
 Acq On : 01 Feb 2023 11:01
 Operator : KP/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 :Krupa Patel 02/02/2023
 Supervised By :Mahesh Dadoda 02/02/2023

Quant Time: Feb 01 22:56:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

02/02/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	190988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	255907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128240	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.142	65	78841	49.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.580%
35) Dibromofluoromethane	7.715	113	77570	51.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.160%
50) Toluene-d8	10.178	98	271430	52.284	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.483	95	106416	50.191	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.380%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.912	85	71284	42.709	ug/l	94
3) Chloromethane	2.119	50	71049	46.112	ug/l	99
4) Vinyl Chloride	2.259	62	87701	48.765	ug/l	99
5) Bromomethane	2.655	94	66493	47.821	ug/l	98
6) Chloroethane	2.802	64	58219	49.637	ug/l	98
7) Trichlorofluoromethane	3.131	101	172578	49.167	ug/l	98
8) Diethyl Ether	3.533	74	50890	48.724	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	90257	52.834	ug/l	95
10) Methyl Iodide	4.094	142	121993	46.991	ug/l	97
11) Tert butyl alcohol	4.966	59	41644	220.203	ug/l	99
12) 1,1-Dichloroethene	3.881	96	89379	50.954	ug/l	91
13) Acrolein	3.735	56	16019	224.920	ug/l	99
14) Allyl chloride	4.484	41	112964	52.084	ug/l #	88
15) Acrylonitrile	5.167	53	113964	249.803	ug/l	99
16) Acetone	3.954	43	132944	249.981	ug/l	99
17) Carbon Disulfide	4.204	76	243562	44.891	ug/l	100
18) Methyl Acetate	4.478	43	58580	49.226	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	244521	50.007	ug/l	95
20) Methylene Chloride	4.722	84	104356	46.265	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	99338	50.749	ug/l	92
22) Diisopropyl ether	6.124	45	236076	54.597	ug/l #	93
23) Vinyl Acetate	6.063	43	697769	258.968	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	157974	52.672	ug/l	96
25) 2-Butanone	6.984	43	145116	247.167	ug/l	90
26) 2,2-Dichloropropane	6.984	77	170027	52.223	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	112000	52.090	ug/l	95
28) Bromochloromethane	7.331	49	29178	44.546	ug/l #	77
29) Tetrahydrofuran	7.350	42	78762	244.224	ug/l #	84
30) Chloroform	7.508	83	180859	51.084	ug/l	100
31) Cyclohexane	7.783	56	136930	49.174	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	178402	50.899	ug/l	97
36) 1,1-Dichloropropene	7.917	75	132561	51.861	ug/l	98
37) Ethyl Acetate	7.075	43	55586	49.329	ug/l #	95
38) Carbon Tetrachloride	7.904	117	170299	51.586	ug/l	99
39) Methylcyclohexane	9.185	83	164583	52.689	ug/l	93
40) Benzene	8.161	78	388369	52.642	ug/l	99

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Quant Title : SW846 8260

QLast Update : Tue Jan 17 04:31:47 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	33592m	50.716	ug/l	
42) 1,2-Dichloroethane	8.240	62	116704	49.689	ug/l	100
43) Isopropyl Acetate	8.270	43	105922	50.524	ug/l	93
44) Trichloroethene	8.941	130	116647	52.899	ug/l	96
45) 1,2-Dichloropropane	9.215	63	83267	54.090	ug/l	100
46) Dibromomethane	9.307	93	52559	51.000	ug/l	96
47) Bromodichloromethane	9.496	83	136705	52.697	ug/l	99
48) Methyl methacrylate	9.294	41	50694	52.480	ug/l	93
49) 1,4-Dioxane	9.307	88	13762	980.004	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	285452	255.348	ug/l	95
52) Toluene	10.246	92	261053	53.144	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	141492	52.143	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	153357	52.478	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	76252	52.077	ug/l	98
56) Ethyl methacrylate	10.508	69	100936	52.546	ug/l	93
57) 1,3-Dichloropropane	10.794	76	126121	52.743	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	143729	226.127	ug/l	91
59) 2-Hexanone	10.831	43	216058	253.855	ug/l	94
60) Dibromochloromethane	10.989	129	101328	52.177	ug/l	99
61) 1,2-Dibromoethane	11.093	107	73373	51.932	ug/l	99
64) Tetrachloroethene	10.721	164	130526	55.897	ug/l	98
65) Chlorobenzene	11.520	112	278081	53.109	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	106869	54.074	ug/l	98
67) Ethyl Benzene	11.593	91	505193	53.987	ug/l	100
68) m/p-Xylenes	11.703	106	398409	107.681	ug/l	98
69) o-Xylene	12.032	106	188459	53.328	ug/l	99
70) Styrene	12.044	104	321154	54.390	ug/l	99
71) Bromoform	12.209	173	65999	52.269	ug/l #	99
73) Isopropylbenzene	12.331	105	520175	56.252	ug/l	99
74) N-amyl acetate	12.148	43	92838	51.215	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	77697	53.343	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	58050m	49.228	ug/l	
77) Bromobenzene	12.611	156	119507	53.707	ug/l	91
78) n-propylbenzene	12.672	91	596723	55.145	ug/l	98
79) 2-Chlorotoluene	12.757	91	335090	54.770	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	441723	54.949	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	30302	52.947	ug/l	98
82) 4-Chlorotoluene	12.855	91	342856	53.349	ug/l	97
83) tert-Butylbenzene	13.080	119	383803	54.779	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	430124	54.256	ug/l	99
85) sec-Butylbenzene	13.257	105	551914	55.328	ug/l	97
86) p-Isopropyltoluene	13.373	119	478947	54.953	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	235996	53.326	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	231820	52.525	ug/l	99
89) n-Butylbenzene	13.696	91	414921	54.935	ug/l	98
90) Hexachloroethane	13.964	117	85739	54.493	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	207759	52.613	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15136	50.284	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	130470	51.565	ug/l	99
94) Hexachlorobutadiene	15.117	225	79520	52.199	ug/l	99
95) Naphthalene	15.239	128	255191	51.098	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	111373	51.151	ug/l	100

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Dadoda

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

