

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
 Data File : VY012451.D
 Acq On : 02 Feb 2023 11:58
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/03/2023
 Supervised By :Mahesh Dadoda 02/03/2023

Quant Time: Feb 03 03:10:38 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

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	197045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	302298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	272875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	75875	46.153	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.300%		
35) Dibromofluoromethane	7.722	113	75470	47.149	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.300%		
50) Toluene-d8	10.185	98	255249	45.647	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.300%		
62) 4-Bromofluorobenzene	12.483	95	102352	45.360	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	69598	40.417	ug/l	96
3) Chloromethane	2.119	50	74742	47.018	ug/l	100
4) Vinyl Chloride	2.259	62	90720	48.893	ug/l	97
5) Bromomethane	2.656	94	67104	46.777	ug/l	97
6) Chloroethane	2.802	64	61046	50.447	ug/l	99
7) Trichlorofluoromethane	3.131	101	175939	48.584	ug/l	97
8) Diethyl Ether	3.533	74	56994	52.891	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.905	101	95990	54.463	ug/l	96
10) Methyl Iodide	4.094	142	130258	48.632	ug/l	99
11) Tert butyl alcohol	4.948	59	57862	301.046	ug/l	97
12) 1,1-Dichloroethene	3.881	96	93506	51.668	ug/l	97
13) Acrolein	3.728	56	19908	278.830	ug/l	99
14) Allyl chloride	4.484	41	128139	57.264	ug/l	93
15) Acrylonitrile	5.167	53	137483	292.093	ug/l	99
16) Acetone	3.948	43	134486	245.107	ug/l	100
17) Carbon Disulfide	4.204	76	252502	45.108	ug/l	99
18) Methyl Acetate	4.478	43	71063	57.880	ug/l	91
19) Methyl tert-butyl Ether	5.228	73	275870	54.684	ug/l	96
20) Methylene Chloride	4.722	84	113050	49.051	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	103309	51.156	ug/l	91
22) Diisopropyl ether	6.124	45	266521	59.743	ug/l #	96
23) Vinyl Acetate	6.063	43	813693	292.709	ug/l	95
24) 1,1-Dichloroethane	6.021	63	172588	55.776	ug/l	99
25) 2-Butanone	6.990	43	167795	277.010	ug/l	91
26) 2,2-Dichloropropane	6.984	77	173118	51.538	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	120013	54.101	ug/l	95
28) Bromochloromethane	7.338	49	33773	49.976	ug/l	83
29) Tetrahydrofuran	7.350	42	99522	299.111	ug/l	88
30) Chloroform	7.508	83	194318	53.199	ug/l	98
31) Cyclohexane	7.789	56	145813	50.754	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	185449	51.284	ug/l	98
36) 1,1-Dichloropropene	7.923	75	138463	50.899	ug/l	98
37) Ethyl Acetate	7.075	43	67065	55.923	ug/l #	94
38) Carbon Tetrachloride	7.905	117	172139	48.995	ug/l	98
39) Methylcyclohexane	9.185	83	173690	52.247	ug/l	97
40) Benzene	8.161	78	415565	52.927	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	38589m	54.743	ug/l	
42) 1,2-Dichloroethane	8.240	62	126269	50.515	ug/l	100
43) Isopropyl Acetate	8.270	43	128431	57.562	ug/l	95
44) Trichloroethene	8.941	130	122924	52.379	ug/l	97
45) 1,2-Dichloropropane	9.221	63	94759	57.838	ug/l	98
46) Dibromomethane	9.307	93	58050	52.927	ug/l	95
47) Bromodichloromethane	9.496	83	149227	54.050	ug/l	99
48) Methyl methacrylate	9.295	41	59006	57.397	ug/l	93
49) 1,4-Dioxane	9.301	88	16678	1115.943	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	345822	290.672	ug/l	95
52) Toluene	10.246	92	276786	52.945	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	153900	53.291	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	169734	54.575	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	85600	54.932	ug/l	97
56) Ethyl methacrylate	10.514	69	116827	57.146	ug/l	94
57) 1,3-Dichloropropane	10.794	76	142201	55.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	175675	259.699	ug/l	92
59) 2-Hexanone	10.831	43	248609	274.463	ug/l	94
60) Dibromochloromethane	10.989	129	111981	54.181	ug/l	99
61) 1,2-Dibromoethane	11.093	107	81463	54.176	ug/l	100
64) Tetrachloroethene	10.721	164	135826	54.550	ug/l	98
65) Chlorobenzene	11.520	112	298731	53.506	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	114836	54.492	ug/l	98
67) Ethyl Benzene	11.593	91	535197	53.637	ug/l	100
68) m/p-Xylenes	11.703	106	420660	106.625	ug/l	98
69) o-Xylene	12.032	106	202007	53.607	ug/l	98
70) Styrene	12.044	104	342341	54.373	ug/l	99
71) Bromoform	12.209	173	72173	53.604	ug/l #	98
73) Isopropylbenzene	12.331	105	542567	55.799	ug/l	99
74) N-amyl acetate	12.148	43	112506	59.024	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	90133	58.850	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	80060m	64.567	ug/l	
77) Bromobenzene	12.611	156	128546	54.939	ug/l	93
78) n-propylbenzene	12.672	91	634373	55.752	ug/l	99
79) 2-Chlorotoluene	12.757	91	354865	55.160	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	461193	54.560	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	34259	56.928	ug/l	97
82) 4-Chlorotoluene	12.855	91	363543	53.797	ug/l	97
83) tert-Butylbenzene	13.080	119	408443	55.440	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	452658	54.301	ug/l	99
85) sec-Butylbenzene	13.257	105	584929	55.765	ug/l	98
86) p-Isopropyltoluene	13.373	119	497115	54.244	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	249292	53.570	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	247339	53.295	ug/l	99
89) n-Butylbenzene	13.696	91	441011	55.529	ug/l	99
90) Hexachloroethane	13.964	117	90891	54.938	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	224314	54.022	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	16867	53.289	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	136355	51.251	ug/l	100
94) Hexachlorobutadiene	15.111	225	81527	50.895	ug/l	99
95) Naphthalene	15.239	128	279968	53.313	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	118236	51.643	ug/l	100

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

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