

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031523\
 Data File : VY012950.D
 Acq On : 15 Mar 2023 09:43
 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 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

Quant Time: Mar 16 00:16:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	97283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	147493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	132344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	44003	45.557	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.120%		
35) Dibromofluoromethane	7.722	113	43878	49.295	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.580%		
50) Toluene-d8	10.185	98	147995	45.480	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.960%		
62) 4-Bromofluorobenzene	12.483	95	53007	48.261	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44263	46.162	ug/l	99
3) Chloromethane	2.119	50	52017	45.377	ug/l	98
4) Vinyl Chloride	2.253	62	51786	49.265	ug/l	99
5) Bromomethane	2.656	94	32592	51.027	ug/l	93
6) Chloroethane	2.802	64	32845	52.173	ug/l	99
7) Trichlorofluoromethane	3.131	101	92781	53.143	ug/l	99
8) Diethyl Ether	3.527	74	30353	49.612	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	52897	50.360	ug/l	97
10) Methyl Iodide	4.094	142	68877	50.326	ug/l	97
11) Tert butyl alcohol	4.954	59	26800	240.501	ug/l	98
12) 1,1-Dichloroethene	3.881	96	50729	50.638	ug/l	95
13) Acrolein	3.729	56	26395	155.977	ug/l	98
14) Allyl chloride	4.484	41	88377	47.758	ug/l	96
15) Acrylonitrile	5.167	53	81397	252.500	ug/l	99
16) Acetone	3.948	43	103594	273.248	ug/l	96
17) Carbon Disulfide	4.198	76	154044	45.175	ug/l	100
18) Methyl Acetate	4.484	43	52261	46.289	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	139339	53.849	ug/l	96
20) Methylene Chloride	4.722	84	62752	54.752	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	57589	52.899	ug/l	99
22) Diisopropyl ether	6.118	45	182396	54.267	ug/l	94
23) Vinyl Acetate	6.063	43	556487	266.469	ug/l	99
24) 1,1-Dichloroethane	6.021	63	104053	54.329	ug/l	99
25) 2-Butanone	6.984	43	124266	264.636	ug/l	99
26) 2,2-Dichloropropane	6.984	77	94256	55.411	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	64515	55.274	ug/l	98
28) Bromochloromethane	7.332	49	37338	53.347	ug/l	98
29) Tetrahydrofuran	7.350	42	71280	251.687	ug/l	99
30) Chloroform	7.508	83	107074	56.599	ug/l	100
31) Cyclohexane	7.789	56	87980	47.560	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	94008	54.949	ug/l	98
36) 1,1-Dichloropropene	7.923	75	78971	52.942	ug/l	99
37) Ethyl Acetate	7.075	43	47542	50.568	ug/l	99
38) Carbon Tetrachloride	7.905	117	87507	56.809	ug/l	100
39) Methylcyclohexane	9.185	83	92848	52.357	ug/l	98
40) Benzene	8.161	78	234199	55.505	ug/l	98

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41) Methacrylonitrile	7.313	41	23704m	46.797	ug/l	
42) 1,2-Dichloroethane	8.240	62	71127	56.069	ug/l	99
43) Isopropyl Acetate	8.277	43	86536	51.591	ug/l	98
44) Trichloroethene	8.941	130	60809	54.661	ug/l	94
45) 1,2-Dichloropropane	9.215	63	59064	55.388	ug/l	95
46) Dibromomethane	9.307	93	33852	55.722	ug/l	98
47) Bromodichloromethane	9.496	83	81125	56.667	ug/l	100
48) Methyl methacrylate	9.295	41	40852	52.857	ug/l	98
49) 1,4-Dioxane	9.295	88	8663	1103.061	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	243272	267.373	ug/l	100
52) Toluene	10.246	92	145071	57.009	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	84359	56.178	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	95342	56.095	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	47162	55.744	ug/l	97
56) Ethyl methacrylate	10.514	69	62448	55.356	ug/l	97
57) 1,3-Dichloropropane	10.794	76	80826	56.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	155895	263.241	ug/l	100
59) 2-Hexanone	10.831	43	184618	279.186	ug/l	100
60) Dibromochloromethane	10.989	129	59315	57.594	ug/l	100
61) 1,2-Dibromoethane	11.093	107	45150	55.399	ug/l	99
64) Tetrachloroethene	10.721	164	53192	55.204	ug/l	98
65) Chlorobenzene	11.520	112	152575	54.931	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.593	131	59032	57.436	ug/l	99
67) Ethyl Benzene	11.593	91	277128	56.749	ug/l	99
68) m/p-Xylenes	11.703	106	216081	115.020	ug/l	99
69) o-Xylene	12.032	106	101425	57.848	ug/l	97
70) Styrene	12.044	104	171964	58.774	ug/l	100
71) Bromoform	12.209	173	38062	56.798	ug/l #	98
73) Isopropylbenzene	12.331	105	269663	56.785	ug/l	99
74) N-amyl acetate	12.148	43	74855	50.098	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	56661	53.078	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	39704m	49.619	ug/l	
77) Bromobenzene	12.611	156	63970	55.450	ug/l	96
78) n-propylbenzene	12.672	91	331508	56.621	ug/l	100
79) 2-Chlorotoluene	12.757	91	183434	56.372	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	222868	56.868	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	20104	52.059	ug/l	99
82) 4-Chlorotoluene	12.855	91	187585	55.690	ug/l	98
83) tert-Butylbenzene	13.081	119	197173	58.290	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	217097	56.650	ug/l	99
85) sec-Butylbenzene	13.257	105	291200	56.430	ug/l	99
86) p-Isopropyltoluene	13.373	119	238972	56.662	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	124904	56.136	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	123599	54.429	ug/l	99
89) n-Butylbenzene	13.702	91	224474	55.597	ug/l	100
90) Hexachloroethane	13.964	117	48058	54.710	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	111071	55.223	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8671	50.260	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	61972	50.043	ug/l	98
94) Hexachlorobutadiene	15.117	225	37651	49.848	ug/l	99
95) Naphthalene	15.239	128	117534	47.362	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	53156	48.263	ug/l	98

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

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