

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010783.D
 Acq On : 04 Oct 2022 10:38
 Operator : KP/MD
 Sample : VY1004SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1004SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Oct 05 07:24:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

10/05/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	239175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	390747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	355083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174107	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	132896	54.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.640%	
35) Dibromofluoromethane	7.716	113	123138	47.474	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.940%	
50) Toluene-d8	10.179	98	494891	55.791	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.580%	
62) 4-Bromofluorobenzene	12.483	95	163814	47.052	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.100%	

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Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34396	20.758	ug/l	99
3) Chloromethane	2.113	50	57113	20.723	ug/l	98
4) Vinyl Chloride	2.253	62	67182	20.244	ug/l	99
5) Bromomethane	2.638	94	51696	21.954	ug/l	99
6) Chloroethane	2.790	64	45791	20.705	ug/l	97
7) Trichlorofluoromethane	3.125	101	83290	20.609	ug/l	93
8) Diethyl Ether	3.528	74	27453	21.115	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	48226	20.814	ug/l	95
10) Methyl Iodide	4.089	142	54365	17.552	ug/l	93
11) Tert butyl alcohol	4.948	59	45419	205.972	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	46680	20.643	ug/l	84
13) Acrolein	3.729	56	24303	138.951	ug/l	96
14) Allyl chloride	4.479	41	70145	20.722	ug/l #	94
15) Acrylonitrile	5.162	53	73039	115.313	ug/l	98
16) Acetone	3.942	43	65648	106.620	ug/l #	85
17) Carbon Disulfide	4.192	76	149513	20.460	ug/l	100
18) Methyl Acetate	4.473	43	35918	22.837	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	126159	21.313	ug/l	95
20) Methylene Chloride	4.716	84	67394	22.060	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	54163	20.513	ug/l	87
22) Diisopropyl ether	6.113	45	155510	20.948	ug/l	99
23) Vinyl Acetate	6.058	43	483756	107.576	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	94136	20.823	ug/l	99
25) 2-Butanone	6.984	43	97705	110.374	ug/l #	84
26) 2,2-Dichloropropane	6.984	77	86587	20.177	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	60813	20.753	ug/l	91
28) Bromochloromethane	7.332	49	20051	15.562	ug/l	87
29) Tetrahydrofuran	7.344	42	60641	116.492	ug/l #	86
30) Chloroform	7.503	83	98450	21.101	ug/l	97
31) Cyclohexane	7.783	56	87148	20.083	ug/l	88
32) 1,1,1-Trichloroethane	7.698	97	87265	20.763	ug/l	96
36) 1,1-Dichloropropene	7.917	75	75236	20.093	ug/l	98
37) Ethyl Acetate	7.070	43	42100	22.912	ug/l	96
38) Carbon Tetrachloride	7.899	117	80015	20.517	ug/l	100
39) Methylcyclohexane	9.185	83	90185	19.608	ug/l	90
40) Benzene	8.161	78	222005	20.582	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21248m	21.305	ug/l	
42) 1,2-Dichloroethane	8.234	62	65732	21.555	ug/l	
43) Isopropyl Acetate	8.271	43	73177	22.004	ug/l #	
44) Trichloroethene	8.941	130	59535	20.385	ug/l	
45) 1,2-Dichloropropane	9.216	63	53230	20.471	ug/l	
46) Dibromomethane	9.307	93	31902	21.449	ug/l	
47) Bromodichloromethane	9.496	83	74941	20.878	ug/l	
48) Methyl methacrylate	9.295	41	32664	20.912	ug/l #	
49) 1,4-Dioxane	9.301	88	8431	460.480	ug/l #	
51) 4-Methyl-2-Pentanone	10.069	43	206378	113.427	ug/l	
52) Toluene	10.246	92	139682	20.348	ug/l	
53) t-1,3-Dichloropropene	10.465	75	76551	20.599	ug/l	
54) cis-1,3-Dichloropropene	9.929	75	87941	20.665	ug/l #	
55) 1,1,2-Trichloroethane	10.642	97	44428	21.288	ug/l	
56) Ethyl methacrylate	10.508	69	56517	21.077	ug/l #	
57) 1,3-Dichloropropane	10.789	76	75579	21.300	ug/l	
58) 2-Chloroethyl Vinyl ether	9.783	63	101667	91.924	ug/l	
59) 2-Hexanone	10.831	43	140896	111.808	ug/l	
60) Dibromochloromethane	10.984	129	53236	21.275	ug/l	
61) 1,2-Dibromoethane	11.087	107	42729	21.473	ug/l	
64) Tetrachloroethene	10.721	164	56851	20.193	ug/l	
65) Chlorobenzene	11.514	112	148345	20.174	ug/l	
66) 1,1,1,2-Tetrachloroethane	11.587	131	54064	20.115	ug/l	
67) Ethyl Benzene	11.593	91	264422	19.981	ug/l	
68) m/p-Xylenes	11.703	106	206025	39.781	ug/l	
69) o-Xylene	12.032	106	98154	20.271	ug/l	
70) Styrene	12.044	104	164410	20.147	ug/l	
71) Bromoform	12.209	173	33389	20.870	ug/l #	
73) Isopropylbenzene	12.331	105	254629	19.894	ug/l	
74) N-amyl acetate	12.142	43	60910	20.706	ug/l #	
75) 1,1,2,2-Tetrachloroethane	12.581	83	51630	21.590	ug/l	
76) 1,2,3-Trichloropropane	12.636	75	41358m	23.457	ug/l	
77) Bromobenzene	12.611	156	59930	20.410	ug/l	
78) n-propylbenzene	12.672	91	310287	19.905	ug/l	
79) 2-Chlorotoluene	12.758	91	171627	19.679	ug/l	
80) 1,3,5-Trimethylbenzene	12.813	105	220215	20.342	ug/l	
81) trans-1,4-Dichloro-2-b...	12.380	75	17776	21.060	ug/l	
82) 4-Chlorotoluene	12.855	91	181657	19.920	ug/l	
83) tert-Butylbenzene	13.075	119	183263	19.857	ug/l	
84) 1,2,4-Trimethylbenzene	13.117	105	218570	20.535	ug/l	
85) sec-Butylbenzene	13.252	105	277344	19.963	ug/l	
86) p-Isopropyltoluene	13.367	119	233267	20.013	ug/l	
87) 1,3-Dichlorobenzene	13.367	146	120180	20.166	ug/l	
88) 1,4-Dichlorobenzene	13.447	146	120802	20.471	ug/l	
89) n-Butylbenzene	13.697	91	214767	20.023	ug/l	
90) Hexachloroethane	13.959	117	43559	19.538	ug/l	
91) 1,2-Dichlorobenzene	13.739	146	105842	20.376	ug/l	
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8292	21.564	ug/l	
93) 1,2,4-Trichlorobenzene	15.007	180	59944	19.668	ug/l	
94) Hexachlorobutadiene	15.111	225	38724	20.607	ug/l	
95) Naphthalene	15.239	128	120151	20.684	ug/l	
96) 1,2,3-Trichlorobenzene	15.428	180	52286	20.124	ug/l	

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

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