

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072324\
 Data File : VY018898.D
 Acq On : 23 Jul 2024 15:09
 Operator : SY/MD
 Sample : VY0723SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024

Quant Time: Jul 24 01:46:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	97251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	150472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	132491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	48146	50.311	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.620%			
35) Dibromofluoromethane	7.704	113	47795	50.714	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.420%			
50) Toluene-d8	10.173	98	170917	47.869	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.740%			
62) 4-Bromofluorobenzene	12.477	95	60240	49.404	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	13976	17.151	ug/l	99
3) Chloromethane	2.101	50	20511	16.563	ug/l	93
4) Vinyl Chloride	2.241	62	24015	16.578	ug/l	96
5) Bromomethane	2.625	94	18873	18.941	ug/l	98
6) Chloroethane	2.778	64	16170	17.182	ug/l	94
7) Trichlorofluoromethane	3.101	101	36343	19.199	ug/l	98
8) Diethyl Ether	3.515	74	9191	19.921	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	19198	19.767	ug/l	98
10) Methyl Iodide	4.064	142	17432	16.668	ug/l	95
11) Tert butyl alcohol	4.936	59	9647	99.513	ug/l #	97
12) 1,1-Dichloroethene	3.851	96	16646	17.717	ug/l	92
13) Acrolein	3.717	56	4815	61.994	ug/l	99
14) Allyl chloride	4.454	41	20984	18.027	ug/l	91
15) Acrylonitrile	5.143	53	19425	106.725	ug/l	98
16) Acetone	3.936	43	16173	91.669	ug/l	98
17) Carbon Disulfide	4.174	76	38472	14.623	ug/l	98
18) Methyl Acetate	4.466	43	11484	22.402	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	45148	20.714	ug/l	93
20) Methylene Chloride	4.698	84	32898	31.044	ug/l	92
21) trans-1,2-Dichloroethene	5.192	96	17744	17.893	ug/l	94
22) Diisopropyl ether	6.100	45	48794	19.271	ug/l #	86
23) Vinyl Acetate	6.045	43	196596	98.555	ug/l	97
24) 1,1-Dichloroethane	6.003	63	30413	18.813	ug/l	97
25) 2-Butanone	6.966	43	25993	105.105	ug/l	90
26) 2,2-Dichloropropane	6.966	77	26848	17.899	ug/l	96
27) cis-1,2-Dichloroethene	6.966	96	21528	18.647	ug/l	96
28) Bromochloromethane	7.326	49	14105	21.723	ug/l	99
29) Tetrahydrofuran	7.338	42	15943	105.156	ug/l	97
30) Chloroform	7.490	83	36055	20.012	ug/l	96
31) Cyclohexane	7.777	56	24594	16.728	ug/l	97
32) 1,1,1-Trichloroethane	7.685	97	32334	19.299	ug/l	96
36) 1,1-Dichloropropene	7.905	75	25039	19.252	ug/l	98
37) Ethyl Acetate	7.064	43	11128	20.584	ug/l #	94
38) Carbon Tetrachloride	7.887	117	29920	19.100	ug/l	97
39) Methylcyclohexane	9.179	83	29797	17.878	ug/l	93
40) Benzene	8.149	78	72235	19.146	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	5856	19.000	ug/l	92
42) 1,2-Dichloroethane	8.228	62	21759	20.599	ug/l	98
43) Isopropyl Acetate	8.265	43	22697	21.100	ug/l #	85
44) Trichloroethene	8.929	130	21359	19.805	ug/l	99
45) 1,2-Dichloropropane	9.203	63	16413	19.977	ug/l	91
46) Dibromomethane	9.295	93	11328	21.271	ug/l	99
47) Bromodichloromethane	9.490	83	27732	20.845	ug/l	89
48) Methyl methacrylate	9.289	41	10452	21.377	ug/l #	86
49) 1,4-Dioxane	9.289	88	2649	424.341	ug/l #	91
51) 4-Methyl-2-Pentanone	10.063	43	61489	111.959	ug/l	92
52) Toluene	10.240	92	47318	18.869	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	23375	20.350	ug/l	92
54) cis-1,3-Dichloropropene	9.923	75	26209	19.449	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	14695	21.791	ug/l	93
56) Ethyl methacrylate	10.502	69	19457	21.915	ug/l #	87
57) 1,3-Dichloropropane	10.782	76	24319	21.754	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	47458	111.884	ug/l	93
59) 2-Hexanone	10.831	43	43120	112.225	ug/l	89
60) Dibromochloromethane	10.977	129	21323	23.013	ug/l	95
61) 1,2-Dibromoethane	11.087	107	14489	22.100	ug/l	97
64) Tetrachloroethene	10.715	164	22753	21.217	ug/l	95
65) Chlorobenzene	11.514	112	56544	20.231	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	19932	20.699	ug/l	98
67) Ethyl Benzene	11.587	91	93794	19.157	ug/l	95
68) m/p-Xylenes	11.697	106	74457	38.752	ug/l	100
69) o-Xylene	12.026	106	35740	19.786	ug/l	99
70) Styrene	12.038	104	59350	19.691	ug/l	98
71) Bromoform	12.203	173	11976	22.816	ug/l #	92
73) Isopropylbenzene	12.325	105	92474	18.848	ug/l	100
74) N-amyl acetate	12.142	43	20088	20.020	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	17155	22.180	ug/l	94
76) 1,2,3-Trichloropropane	12.630	75	11566m	22.028	ug/l	
77) Bromobenzene	12.605	156	23691	20.227	ug/l	92
78) n-propylbenzene	12.666	91	109599	18.811	ug/l	97
79) 2-Chlorotoluene	12.752	91	62408	19.050	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	76815	19.135	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	4836	20.614	ug/l	87
82) 4-Chlorotoluene	12.849	91	64185	19.026	ug/l	97
83) tert-Butylbenzene	13.075	119	71607	19.321	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	75707	18.978	ug/l	99
85) sec-Butylbenzene	13.251	105	101642	19.321	ug/l	96
86) p-Isopropyltoluene	13.367	119	85641	18.857	ug/l	95
87) 1,3-Dichlorobenzene	13.361	146	45219	19.657	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	46458	20.376	ug/l	98
89) n-Butylbenzene	13.696	91	76589	18.602	ug/l	98
90) Hexachloroethane	13.959	117	15884	18.806	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	40983	20.624	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2732	21.799	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	24593	20.274	ug/l	97
94) Hexachlorobutadiene	15.111	225	14695	21.017	ug/l	97
95) Naphthalene	15.233	128	44616	21.440	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	20968	20.202	ug/l	97

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

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