

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074583.D
 Acq On : 19 Oct 2022 17:12
 Operator : VA/SY
 Sample : VD1019SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 06:46:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	93982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	156639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	129242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	32231	44.919	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.840%		
35) Dibromofluoromethane	7.804	113	39063	44.899	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.800%		
50) Toluene-d8	10.269	98	146639	46.772	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.540%		
62) 4-Bromofluorobenzene	12.575	95	42502	47.007	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	14975	20.528	ug/l	93
3) Chloromethane	2.146	50	20874	21.138	ug/l	93
4) Vinyl Chloride	2.281	62	21997	20.143	ug/l	92
5) Bromomethane	2.681	94	17210	20.810	ug/l	99
6) Chloroethane	2.834	64	15411	20.525	ug/l	99
7) Trichlorofluoromethane	3.175	101	31463	20.326	ug/l	90
8) Diethyl Ether	3.587	74	8821	19.677	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	19942	19.977	ug/l	98
10) Methyl Iodide	4.163	142	21771	19.371	ug/l	99
11) Tert butyl alcohol	5.034	59	12553m	144.296	ug/l	
12) 1,1-Dichloroethene	3.946	96	20521	20.553	ug/l	85
13) Acrolein	3.799	56	7405	96.358	ug/l	100
14) Allyl chloride	4.563	41	22421	20.794	ug/l	98
15) Acrylonitrile	5.258	53	18538	101.183	ug/l	96
16) Acetone	4.022	43	13258	84.615	ug/l	99
17) Carbon Disulfide	4.275	76	56752	20.772	ug/l	98
18) Methyl Acetate	4.569	43	9695	21.239	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	38926	19.951	ug/l	98
20) Methylene Chloride	4.799	84	32582	21.264	ug/l	91
21) trans-1,2-Dichloroethene	5.316	96	22496	20.211	ug/l	88
22) Diisopropyl ether	6.210	45	45147	20.750	ug/l	92
23) Vinyl Acetate	6.157	43	71456	75.101	ug/l	98
24) 1,1-Dichloroethane	6.110	63	35140	20.809	ug/l	94
25) 2-Butanone	7.087	43	19461	92.882	ug/l	97
26) 2,2-Dichloropropane	7.075	77	30713	19.029	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	24644	19.963	ug/l	99
28) Bromochloromethane	7.428	49	5700	14.990	ug/l #	91
29) Tetrahydrofuran	7.446	42	11848	103.677	ug/l	95
30) Chloroform	7.599	83	36698	20.196	ug/l	97
31) Cyclohexane	7.875	56	29112	20.198	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	35184	21.115	ug/l	94
36) 1,1-Dichloropropene	8.010	75	27280	19.387	ug/l	98
37) Ethyl Acetate	7.163	43	8798	19.817	ug/l	96
38) Carbon Tetrachloride	7.993	117	26531	19.254	ug/l	90
39) Methylcyclohexane	9.275	83	34326	20.416	ug/l	94
40) Benzene	8.251	78	83804	20.067	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	4842	20.242	ug/l	95
42) 1,2-Dichloroethane	8.328	62	19296	20.023	ug/l	99
43) Isopropyl Acetate	8.363	43	16788	20.347	ug/l	97
44) Trichloroethene	9.028	130	24418	19.959	ug/l	90
45) 1,2-Dichloropropane	9.304	63	18755	20.464	ug/l	92
46) Dibromomethane	9.398	93	10919	20.646	ug/l	98
47) Bromodichloromethane	9.587	83	27230	20.810	ug/l	87
48) Methyl methacrylate	9.381	41	7406	19.641	ug/l	99
49) 1,4-Dioxane	9.381	88	2127	408.640	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	40715	99.208	ug/l	99
52) Toluene	10.334	92	51213	19.885	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	21389	18.592	ug/l	89
54) cis-1,3-Dichloropropene	10.016	75	29077	20.045	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	13808	19.003	ug/l	96
56) Ethyl methacrylate	10.598	69	15021	18.911	ug/l	99
57) 1,3-Dichloropropane	10.881	76	22055	18.710	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	10266	79.570	ug/l	95
59) 2-Hexanone	10.922	43	25871	92.358	ug/l	98
60) Dibromochloromethane	11.075	129	16560	18.908	ug/l	98
61) 1,2-Dibromoethane	11.181	107	12323	18.579	ug/l	95
64) Tetrachloroethene	10.810	164	18800	19.679	ug/l	97
65) Chlorobenzene	11.604	112	53700	19.726	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	18403	19.676	ug/l	95
67) Ethyl Benzene	11.687	91	95720	20.192	ug/l	100
68) m/p-Xylenes	11.792	106	76786	40.738	ug/l	98
69) o-Xylene	12.122	106	35791	20.403	ug/l	97
70) Styrene	12.134	104	61529	20.827	ug/l	99
71) Bromoform	12.298	173	9707	19.768	ug/l #	96
73) Isopropylbenzene	12.422	105	94530	19.811	ug/l	98
74) N-amyl acetate	12.234	43	13729	19.466	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	15346	20.316	ug/l	93
76) 1,2,3-Trichloropropane	12.722	75	9684m	18.127	ug/l	
77) Bromobenzene	12.704	156	20715	19.236	ug/l	97
78) n-propylbenzene	12.763	91	115282	20.444	ug/l	99
79) 2-Chlorotoluene	12.845	91	61059	19.987	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	78093	20.162	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	3738	17.881	ug/l	97
82) 4-Chlorotoluene	12.945	91	63215	20.141	ug/l	100
83) tert-Butylbenzene	13.163	119	69068	19.989	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	77599	20.359	ug/l	97
85) sec-Butylbenzene	13.345	105	104679	20.188	ug/l	99
86) p-Isopropyltoluene	13.463	119	88034	20.266	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	44691	19.970	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	44857	20.476	ug/l	98
89) n-Butylbenzene	13.786	91	79248	20.024	ug/l	97
90) Hexachloroethane	14.051	117	14806	19.582	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	38844	20.808	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	2015	19.289	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	24800	20.139	ug/l	98
94) Hexachlorobutadiene	15.198	225	13309	19.645	ug/l	100
95) Naphthalene	15.328	128	45027	19.424	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	21847	20.696	ug/l	97

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

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