

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075320.D
 Acq On : 13 Feb 2023 11:39
 Operator : KP/SY
 Sample : VD0213SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0213SBS01

Quant Time: Feb 14 01:17:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	49249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	83394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	75833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	39435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	29921	51.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.620%	
35) Dibromofluoromethane	7.810	113	30145	51.551	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.100%	
50) Toluene-d8	10.269	98	110254	49.718	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.440%	
62) 4-Bromofluorobenzene	12.575	95	36288	49.626	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.260%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	10198	23.849	ug/l	100
3) Chloromethane	2.146	50	15687	19.592	ug/l	98
4) Vinyl Chloride	2.281	62	16682	20.360	ug/l	94
5) Bromomethane	2.681	94	10396	19.831	ug/l	97
6) Chloroethane	2.834	64	12129	21.458	ug/l	99
7) Trichlorofluoromethane	3.175	101	21930	21.527	ug/l	97
8) Diethyl Ether	3.593	74	5776	21.091	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	13312	23.027	ug/l	96
10) Methyl Iodide	4.169	142	14311	21.937	ug/l	95
11) Tert butyl alcohol	5.069	59	3430	92.939	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	11358	20.605	ug/l	98
13) Acrolein	3.793	56	2350	108.432	ug/l #	71
14) Allyl chloride	4.558	41	18455	20.123	ug/l	91
15) Acrylonitrile	5.264	53	14123	106.523	ug/l	95
16) Acetone	4.022	43	15949	104.447	ug/l	100
17) Carbon Disulfide	4.275	76	33526	19.715	ug/l	96
18) Methyl Acetate	4.569	43	9249	21.133	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	25912	20.475	ug/l	99
20) Methylene Chloride	4.805	84	18758	26.296	ug/l #	85
21) trans-1,2-Dichloroethene	5.316	96	13131	21.051	ug/l	94
22) Diisopropyl ether	6.222	45	39008	21.384	ug/l	95
23) Vinyl Acetate	6.158	43	69624m	123.111	ug/l	
24) 1,1-Dichloroethane	6.116	63	23838	20.960	ug/l	93
25) 2-Butanone	7.081	43	18982	100.325	ug/l	99
26) 2,2-Dichloropropane	7.081	77	21071	20.931	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	14434	20.684	ug/l	97
28) Bromochloromethane	7.428	49	7037	22.626	ug/l #	93
29) Tetrahydrofuran	7.446	42	10369	101.772	ug/l	95
30) Chloroform	7.599	83	25827	22.063	ug/l	94
31) Cyclohexane	7.875	56	20592	20.081	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	22486	21.475	ug/l	99
36) 1,1-Dichloropropene	8.005	75	18777	20.613	ug/l	98
37) Ethyl Acetate	7.175	43	8688	21.869	ug/l #	90
38) Carbon Tetrachloride	7.999	117	19178	22.721	ug/l	93
39) Methylcyclohexane	9.275	83	21167	20.076	ug/l	96
40) Benzene	8.252	78	51156	19.982	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	3264	13.773	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	15569	21.005	ug/l	99
43) Isopropyl Acetate	8.363	43	14961	19.709	ug/l	99
44) Trichloroethene	9.028	130	14553	20.622	ug/l	94
45) 1,2-Dichloropropane	9.310	63	13616	20.942	ug/l	98
46) Dibromomethane	9.393	93	7485	20.774	ug/l	96
47) Bromodichloromethane	9.587	83	18455	20.580	ug/l	96
48) Methyl methacrylate	9.381	41	7366	20.432	ug/l	89
49) 1,4-Dioxane	9.387	88	1341	401.438	ug/l	94
51) 4-Methyl-2-Pentanone	10.163	43	38770	101.024	ug/l	95
52) Toluene	10.340	92	33278	20.637	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	14318	18.433	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	17599	18.950	ug/l	93
55) 1,1,2-Trichloroethane	10.740	97	9854	21.424	ug/l	89
56) Ethyl methacrylate	10.599	69	11120	20.796	ug/l	97
57) 1,3-Dichloropropane	10.881	76	16346	20.862	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	6781	57.784	ug/l	94
59) 2-Hexanone	10.922	43	27910	99.545	ug/l	94
60) Dibromochloromethane	11.075	129	12153	21.326	ug/l	97
61) 1,2-Dibromoethane	11.181	107	9262	20.884	ug/l	99
64) Tetrachloroethene	10.816	164	11933	20.431	ug/l	96
65) Chlorobenzene	11.610	112	35792	20.929	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.687	131	13197	21.195	ug/l	92
67) Ethyl Benzene	11.687	91	63912	20.243	ug/l	99
68) m/p-Xylenes	11.798	106	48583	40.452	ug/l	99
69) o-Xylene	12.122	106	22070	19.673	ug/l	93
70) Styrene	12.140	104	38196	20.100	ug/l	96
71) Bromoform	12.304	173	6993	20.909	ug/l #	92
73) Isopropylbenzene	12.422	105	62497	19.563	ug/l	96
74) N-amyl acetate	12.240	43	14317	19.943	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.681	83	11053	19.886	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	9189m	20.515	ug/l	
77) Bromobenzene	12.704	156	14228	19.668	ug/l	96
78) n-propylbenzene	12.769	91	77469	19.488	ug/l	100
79) 2-Chlorotoluene	12.851	91	43632	20.011	ug/l	97
80) 1,3,5-Trimethylbenzene	12.910	105	52375	19.690	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	2120	16.814	ug/l	95
82) 4-Chlorotoluene	12.951	91	45841	20.154	ug/l	100
83) tert-Butylbenzene	13.169	119	43340	18.899	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	51955	19.556	ug/l	98
85) sec-Butylbenzene	13.351	105	69922	19.875	ug/l	97
86) p-Isopropyltoluene	13.463	119	58738	20.411	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	29389	20.100	ug/l	98
88) 1,4-Dichlorobenzene	13.545	146	28995	19.818	ug/l	97
89) n-Butylbenzene	13.793	91	55456	19.738	ug/l	97
90) Hexachloroethane	14.057	117	10710	18.877	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	25323	19.960	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.457	75	1737	20.149	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	15418	19.404	ug/l	97
94) Hexachlorobutadiene	15.210	225	8430	20.109	ug/l	98
95) Naphthalene	15.334	128	27438	18.553	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	13150	19.181	ug/l	96

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

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