

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075317.D
 Acq On : 13 Feb 2023 09:20
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 14 01:13:15 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	7.881	168	55027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	84215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	79219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	40742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	32092	49.737	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.480%
35) Dibromofluoromethane	7.805	113	31594	53.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.000%
50) Toluene-d8	10.269	98	113932	50.875	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.575	95	39453	53.429	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21317	48.003	ug/l	98
3) Chloromethane	2.146	50	38730	50.926	ug/l	100
4) Vinyl Chloride	2.281	62	42363	46.275	ug/l	99
5) Bromomethane	2.687	94	26398	45.068	ug/l	99
6) Chloroethane	2.828	64	30953	49.011	ug/l	97
7) Trichlorofluoromethane	3.176	101	54411	47.802	ug/l	99
8) Diethyl Ether	3.593	74	15285	49.953	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.970	101	32855	50.865	ug/l	99
10) Methyl Iodide	4.164	142	37863	48.435	ug/l	93
11) Tert butyl alcohol	5.052	59	8367	217.744	ug/l #	81
12) 1,1-Dichloroethene	3.940	96	29013	47.108	ug/l	94
13) Acrolein	3.799	56	5017	254.067	ug/l	88
14) Allyl chloride	4.564	41	49871	48.669	ug/l	93
15) Acrylonitrile	5.252	53	34884	245.925	ug/l	99
16) Acetone	4.023	43	46989	275.411	ug/l	98
17) Carbon Disulfide	4.270	76	88121	46.378	ug/l	99
18) Methyl Acetate	4.558	43	22141	48.742	ug/l	96
19) Methyl tert-butyl Ether	5.311	73	70365	49.763	ug/l	97
20) Methylene Chloride	4.805	84	34668	47.986	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	34071	48.887	ug/l	98
22) Diisopropyl ether	6.216	45	107861	52.920	ug/l	93
23) Vinyl Acetate	6.158	43	202882m	291.661	ug/l	
24) 1,1-Dichloroethane	6.117	63	63171	49.712	ug/l	97
25) 2-Butanone	7.081	43	53684	253.941	ug/l	97
26) 2,2-Dichloropropane	7.075	77	57146	50.806	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	38276	49.090	ug/l	97
28) Bromochloromethane	7.428	49	17205	54.628	ug/l	85
29) Tetrahydrofuran	7.446	42	29295	257.339	ug/l	97
30) Chloroform	7.599	83	66127	50.559	ug/l	94
31) Cyclohexane	7.875	56	53580	46.765	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	59861	51.166	ug/l	98
36) 1,1-Dichloropropene	8.005	75	48889	53.147	ug/l	99
37) Ethyl Acetate	7.169	43	20693	51.580	ug/l	97
38) Carbon Tetrachloride	7.993	117	51160	60.019	ug/l	99
39) Methylcyclohexane	9.275	83	55889	52.490	ug/l	96
40) Benzene	8.252	78	137632	53.235	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	11960	49.974	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	41239	55.095	ug/l	98
43) Isopropyl Acetate	8.358	43	41848	54.591	ug/l #	83
44) Trichloroethene	9.028	130	36600	51.356	ug/l	99
45) 1,2-Dichloropropane	9.305	63	35529	54.111	ug/l	100
46) Dibromomethane	9.393	93	19337	53.144	ug/l	97
47) Bromodichloromethane	9.581	83	49815	55.009	ug/l	98
48) Methyl methacrylate	9.381	41	19441	53.401	ug/l	91
49) 1,4-Dioxane	9.387	88	3891	1119.183	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	107284	276.829	ug/l	95
52) Toluene	10.334	92	88852	54.563	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	41827	53.323	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	49774	53.074	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	26076	56.140	ug/l	96
56) Ethyl methacrylate	10.599	69	30533	56.544	ug/l	93
57) 1,3-Dichloropropane	10.881	76	43482	54.953	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	22661	150.965	ug/l	98
59) 2-Hexanone	10.922	43	80480	284.245	ug/l	95
60) Dibromochloromethane	11.075	129	31965	55.546	ug/l	99
61) 1,2-Dibromoethane	11.181	107	24654	55.047	ug/l	98
64) Tetrachloroethene	10.810	164	31820	52.153	ug/l	93
65) Chlorobenzene	11.610	112	92856	51.976	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	35026	53.850	ug/l	96
67) Ethyl Benzene	11.687	91	173564	52.623	ug/l	99
68) m/p-Xylenes	11.793	106	135122	107.699	ug/l	100
69) o-Xylene	12.122	106	61599	52.562	ug/l	94
70) Styrene	12.140	104	107434	54.118	ug/l	99
71) Bromoform	12.299	173	18452	52.814	ug/l #	98
73) Isopropylbenzene	12.422	105	171639	52.003	ug/l	99
74) N-amyl acetate	12.234	43	38200	51.505	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	28797	50.149	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	24082m	52.039	ug/l	
77) Bromobenzene	12.704	156	37336	49.955	ug/l	95
78) n-propylbenzene	12.769	91	212527	51.749	ug/l	98
79) 2-Chlorotoluene	12.851	91	115082	51.086	ug/l	98
80) 1,3,5-Trimethylbenzene	12.910	105	142470	51.842	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	6503	45.797	ug/l	93
82) 4-Chlorotoluene	12.951	91	122435	52.102	ug/l	98
83) tert-Butylbenzene	13.169	119	129913	54.833	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	142863	52.048	ug/l	99
85) sec-Butylbenzene	13.351	105	191081	52.573	ug/l	99
86) p-Isopropyltoluene	13.463	119	158080	53.168	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	77194	51.101	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	77949	51.568	ug/l	99
89) n-Butylbenzene	13.793	91	151565	52.216	ug/l	98
90) Hexachloroethane	14.057	117	29532	50.382	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	68522	52.278	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4506	50.592	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	42287	51.513	ug/l	98
94) Hexachlorobutadiene	15.210	225	22374	51.659	ug/l	98
95) Naphthalene	15.340	128	77745	50.883	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	35404	49.985	ug/l	97

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

