

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041123\
 Data File : VD075620.D
 Acq On : 11 Apr 2023 14:00
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 12 02:55:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 18:54:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	217858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	368455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	413394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	201171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	95816	53.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.220%	
35) Dibromofluoromethane	7.805	113	121069	56.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.140%	
50) Toluene-d8	10.269	98	473362	55.888	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.780%	
62) 4-Bromofluorobenzene	12.575	95	158376	60.561	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	73877	47.999	ug/l	98
3) Chloromethane	2.152	50	126423	51.979	ug/l	96
4) Vinyl Chloride	2.287	62	186627	49.807	ug/l	97
5) Bromomethane	2.693	94	151347	50.723	ug/l	98
6) Chloroethane	2.834	64	130485	49.643	ug/l	98
7) Trichlorofluoromethane	3.175	101	158587	49.615	ug/l	99
8) Diethyl Ether	3.593	74	53025	53.710	ug/l	63
9) 1,1,2-Trichlorotrifluo...	3.970	101	104795	49.808	ug/l	94
10) Methyl Iodide	4.164	142	141633	56.301	ug/l	91
11) Tert butyl alcohol	5.052	59	24208	286.510	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	103952	51.475	ug/l	84
13) Acrolein	3.793	56	30943	262.707	ug/l	99
14) Allyl chloride	4.564	41	96414	52.900	ug/l #	81
15) Acrylonitrile	5.258	53	101719	268.872	ug/l	97
16) Acetone	4.022	43	100147	307.532	ug/l #	79
17) Carbon Disulfide	4.270	76	249539	47.742	ug/l	96
18) Methyl Acetate	4.558	43	51870	52.777	ug/l #	69
19) Methyl tert-butyl Ether	5.317	73	232420	54.455	ug/l	99
20) Methylene Chloride	4.799	84	161904	60.865	ug/l #	69
21) trans-1,2-Dichloroethene	5.317	96	120008	50.345	ug/l #	77
22) Diisopropyl ether	6.216	45	239321	53.529	ug/l #	83
23) Vinyl Acetate	6.158	43	594008	283.079	ug/l #	82
24) 1,1-Dichloroethane	6.111	63	191497	51.868	ug/l	99
25) 2-Butanone	7.081	43	120290	284.632	ug/l #	68
26) 2,2-Dichloropropane	7.075	77	174295	51.461	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	145979	52.012	ug/l	80
28) Bromochloromethane	7.428	49	63679	50.480	ug/l #	44
29) Tetrahydrofuran	7.440	42	63855	285.324	ug/l #	53
30) Chloroform	7.599	83	218593	52.044	ug/l	96
31) Cyclohexane	7.875	56	120527	46.354	ug/l #	73
32) 1,1,1-Trichloroethane	7.793	97	181451	51.911	ug/l	94
36) 1,1-Dichloropropene	8.005	75	149323	54.146	ug/l	94
37) Ethyl Acetate	7.163	43	45445	54.810	ug/l #	80
38) Carbon Tetrachloride	7.993	117	142471	53.871	ug/l	96
39) Methylcyclohexane	9.275	83	168421	51.288	ug/l	89
40) Benzene	8.252	78	480932	54.121	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	22109	48.691	ug/l #	56
42) 1,2-Dichloroethane	8.322	62	111510	54.008	ug/l	90
43) Isopropyl Acetate	8.358	43	90945	57.459	ug/l #	78
44) Trichloroethene	9.028	130	136436	52.418	ug/l	91
45) 1,2-Dichloropropane	9.305	63	111164	53.625	ug/l	92
46) Dibromomethane	9.399	93	69611	54.084	ug/l	96
47) Bromodichloromethane	9.581	83	168249	54.055	ug/l	91
48) Methyl methacrylate	9.381	41	38708	53.964	ug/l #	58
49) 1,4-Dioxane	9.387	88	14628	1253.753	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	240489	282.249	ug/l #	78
52) Toluene	10.334	92	322203	53.685	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	151182	53.586	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	179799	52.414	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	107832	56.812	ug/l	94
56) Ethyl methacrylate	10.599	69	101690	55.585	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	168498	58.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	232664	263.039	ug/l #	87
59) 2-Hexanone	10.922	43	198059	329.957	ug/l	71
60) Dibromochloromethane	11.075	129	137262	60.570	ug/l	99
61) 1,2-Dibromoethane	11.181	107	104657	57.692	ug/l	98
64) Tetrachloroethene	10.810	164	134064	53.918	ug/l	94
65) Chlorobenzene	11.610	112	417285	52.002	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	147432	51.955	ug/l	95
67) Ethyl Benzene	11.687	91	685732	51.794	ug/l	94
68) m/p-Xylenes	11.793	106	565848	103.765	ug/l	89
69) o-Xylene	12.122	106	265336	50.031	ug/l	90
70) Styrene	12.134	104	455323	50.299	ug/l	93
71) Bromoform	12.304	173	84531	57.633	ug/l #	99
73) Isopropylbenzene	12.422	105	667103	53.438	ug/l	98
74) N-amyl acetate	12.234	43	95888	54.767	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.675	83	123630	52.946	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	68225m	43.334	ug/l	
77) Bromobenzene	12.704	156	173459	55.049	ug/l	84
78) n-propylbenzene	12.763	91	792894	52.826	ug/l	95
79) 2-Chlorotoluene	12.851	91	431891	52.026	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	550973	53.891	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	36401	52.990	ug/l #	71
82) 4-Chlorotoluene	12.951	91	444302	51.594	ug/l	89
83) tert-Butylbenzene	13.169	119	471912	53.160	ug/l	92
84) 1,2,4-Trimethylbenzene	13.216	105	544332	52.722	ug/l	93
85) sec-Butylbenzene	13.346	105	714819	52.693	ug/l	96
86) p-Isopropyltoluene	13.463	119	603687	52.939	ug/l	93
87) 1,3-Dichlorobenzene	13.463	146	343620	52.223	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	335009	51.480	ug/l	97
89) n-Butylbenzene	13.787	91	540745	52.155	ug/l	97
90) Hexachloroethane	14.057	117	111829	51.843	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	300000	52.894	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14130	48.375	ug/l	77
93) 1,2,4-Trichlorobenzene	15.104	180	141836	47.150	ug/l	99
94) Hexachlorobutadiene	15.204	225	66576	46.723	ug/l	99
95) Naphthalene	15.334	128	283099	49.564	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	124937	46.876	ug/l	99

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

