

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
 Data File : VD069660.D
 Acq On : 09 Jul 2021 21:46
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 10 02:58:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	469169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	885893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	910116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	422313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	323167	55.260	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.520%
35) Dibromofluoromethane	7.914	113	303578	50.694	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.380%
50) Toluene-d8	10.338	98	1181978	52.620	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.240%
62) 4-Bromofluorobenzene	12.626	95	410852	55.636	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	195485	43.440	ug/l	98
3) Chloromethane	2.209	50	314554	47.786	ug/l	100
4) Vinyl Chloride	2.344	62	342782	46.714	ug/l	100
5) Bromomethane	2.762	94	235494	53.729	ug/l	98
6) Chloroethane	2.915	64	236318	48.349	ug/l	98
7) Trichlorofluoromethane	3.268	101	445493	51.123	ug/l	99
8) Diethyl Ether	3.709	74	141510	61.390	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	276709	51.916	ug/l	96
10) Methyl Iodide	4.297	142	239805	48.908	ug/l	99
11) Tert butyl alcohol	5.226	59	81546	270.721	ug/l #	88
12) 1,1-Dichloroethene	4.062	96	247228	53.363	ug/l	97
13) Acrolein	3.921	56	73386	225.453	ug/l	99
14) Allyl chloride	4.709	41	396866	61.103	ug/l	94
15) Acrylonitrile	5.420	53	319236	329.913	ug/l	99
16) Acetone	4.150	43	263107	267.296	ug/l	95
17) Carbon Disulfide	4.403	76	772196	50.624	ug/l	99
18) Methyl Acetate	4.721	43	177737	74.058	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	566188	62.183	ug/l	97
20) Methylene Chloride	4.962	84	417273	69.018	ug/l	94
21) trans-1,2-Dichloroethene	5.468	96	309284	55.332	ug/l	98
22) Diisopropyl ether	6.362	45	908435	69.410	ug/l	95
23) Vinyl Acetate	6.303	43	2441088	289.984	ug/l	99
24) 1,1-Dichloroethane	6.256	63	627093	60.491	ug/l	99
25) 2-Butanone	7.209	43	405005	323.792	ug/l	100
26) 2,2-Dichloropropane	7.209	77	438785	51.774	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	366852	60.402	ug/l	99
28) Bromochloromethane	7.544	49	259013	63.792	ug/l	97
29) Tetrahydrofuran	7.562	42	232309	338.765	ug/l	96
30) Chloroform	7.709	83	609354	55.605	ug/l	96
31) Cyclohexane	7.979	56	375835	47.731	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	484364	53.636	ug/l	97
36) 1,1-Dichloropropene	8.109	75	419715	48.273	ug/l	99
37) Ethyl Acetate	7.291	43	197639	61.256	ug/l	98
38) Carbon Tetrachloride	8.091	117	396201	46.044	ug/l	100
39) Methylcyclohexane	9.350	83	387565	45.189	ug/l	99
40) Benzene	8.350	78	1386742	55.325	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	113421	60.408	ug/l	90
42) 1,2-Dichloroethane	8.420	62	386110	53.021	ug/l	100
43) Isopropyl Acetate	8.450	43	339628	57.943	ug/l	98
44) Trichloroethene	9.109	130	325858	51.520	ug/l	90
45) 1,2-Dichloropropane	9.385	63	358282	55.683	ug/l	99
46) Dibromomethane	9.473	93	185772	55.128	ug/l	97
47) Bromodichloromethane	9.661	83	485338	53.634	ug/l	99
48) Methyl methacrylate	9.456	41	179306	64.395	ug/l	89
49) 1,4-Dioxane	9.456	88	38621	1163.441	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	973964	315.983	ug/l	99
52) Toluene	10.397	92	806695	52.157	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	406729	51.986	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	483832	51.425	ug/l	93
55) 1,1,2-Trichloroethane	10.797	97	257727	54.160	ug/l	98
56) Ethyl methacrylate	10.656	69	313346	55.701	ug/l	95
57) 1,3-Dichloropropane	10.944	76	437792	54.450	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	815387	277.332	ug/l	98
59) 2-Hexanone	10.979	43	661824	318.184	ug/l	99
60) Dibromochloromethane	11.132	129	321909	57.395	ug/l	100
61) 1,2-Dibromoethane	11.244	107	251608	57.345	ug/l	98
64) Tetrachloroethene	10.873	164	247776	43.352	ug/l	97
65) Chlorobenzene	11.661	112	910371	50.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	342266	52.009	ug/l	99
67) Ethyl Benzene	11.738	91	1633611	51.663	ug/l	99
68) m/p-Xylenes	11.850	106	1239858	104.138	ug/l	99
69) o-Xylene	12.173	106	563984	52.845	ug/l	97
70) Styrene	12.185	104	1043436	55.505	ug/l	98
71) Bromoform	12.350	173	174169	52.224	ug/l #	100
73) Isopropylbenzene	12.473	105	1519567	52.224	ug/l	100
74) N-amyl acetate	12.279	43	336241	56.917	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	320984	54.922	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	224255m	54.095	ug/l	
77) Bromobenzene	12.755	156	337583	51.092	ug/l	91
78) n-propylbenzene	12.814	91	1910870	52.323	ug/l	99
79) 2-Chlorotoluene	12.897	91	1109838	53.194	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	1303432	53.231	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	73225	44.103	ug/l	97
82) 4-Chlorotoluene	12.997	91	1173508	52.461	ug/l	100
83) tert-Butylbenzene	13.214	119	1041551	47.594	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	1322784	54.341	ug/l	98
85) sec-Butylbenzene	13.391	105	1565819	51.288	ug/l	100
86) p-Isopropyltoluene	13.508	119	1334924	51.946	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	686738	50.749	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	675617	50.114	ug/l	100
89) n-Butylbenzene	13.832	91	1269426	49.518	ug/l	100
90) Hexachloroethane	14.102	117	247455	49.260	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	603083	51.518	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	46798	52.774	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	331396	50.747	ug/l	100
94) Hexachlorobutadiene	15.255	225	188558	46.019	ug/l	100
95) Naphthalene	15.385	128	645751	49.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	296858	51.573	ug/l	98

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

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