

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069955.D
 Acq On : 03 Aug 2021 09:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/4/2021 7:03:42 PM

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Quant Time: Aug 04 01:30:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	625888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1097917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1014192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	470615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	325108	45.165	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.320%		
35) Dibromofluoromethane	7.908	113	327120	47.263	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.520%		
50) Toluene-d8	10.338	98	1296690	48.587	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.180%		
62) 4-Bromofluorobenzene	12.626	95	436168	48.902	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	282619	42.901	ug/l	98
3) Chloromethane	2.209	50	401978	42.064	ug/l	97
4) Vinyl Chloride	2.350	62	461036	45.869	ug/l	98
5) Bromomethane	2.768	94	286233	48.202	ug/l	95
6) Chloroethane	2.920	64	291802	44.790	ug/l	96
7) Trichlorofluoromethane	3.273	101	578110	46.591	ug/l	98
8) Diethyl Ether	3.709	74	171831	49.233	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	374154	47.479	ug/l	99
10) Methyl Iodide	4.297	142	362816	46.864	ug/l	99
11) Tert butyl alcohol	5.214	59	89462	240.185	ug/l #	92
12) 1,1-Dichloroethene	4.067	96	349641	48.826	ug/l	96
13) Acrolein	3.920	56	105897	203.102	ug/l	96
14) Allyl chloride	4.709	41	534088	50.870	ug/l	98
15) Acrylonitrile	5.414	53	416125	253.451	ug/l	99
16) Acetone	4.156	43	388430	298.714	ug/l	97
17) Carbon Disulfide	4.409	76	1143596	44.663	ug/l	99
18) Methyl Acetate	4.715	43	174197	46.170	ug/l	99
19) Methyl tert-butyl Ether	5.467	73	775795	52.288	ug/l	99
20) Methylene Chloride	4.962	84	476150	50.637	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	403968	47.874	ug/l	95
22) Diisopropyl ether	6.361	45	1184038	51.898	ug/l	99
23) Vinyl Acetate	6.303	43	3051222	243.683	ug/l	98
24) 1,1-Dichloroethane	6.261	63	741949	47.084	ug/l	98
25) 2-Butanone	7.208	43	473742	268.650	ug/l	99
26) 2,2-Dichloropropane	7.203	77	622066	51.916	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	441270	49.008	ug/l	100
28) Bromochloromethane	7.544	49	278096	46.482	ug/l	99
29) Tetrahydrofuran	7.561	42	303627	266.135	ug/l	98
30) Chloroform	7.708	83	747730	47.195	ug/l	96
31) Cyclohexane	7.985	56	685604	48.746	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	638128	48.660	ug/l	100
36) 1,1-Dichloropropene	8.108	75	583333	49.234	ug/l	99
37) Ethyl Acetate	7.285	43	218277	50.605	ug/l	99
38) Carbon Tetrachloride	8.097	117	538120	49.721	ug/l	99
39) Methylcyclohexane	9.355	83	704465	51.915	ug/l	97
40) Benzene	8.350	78	1671703	48.701	ug/l	98

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41) Methacrylonitrile	7.520	41	116685	51.549	ug/l #	91
42) 1,2-Dichloroethane	8.420	62	429826	47.349	ug/l	99
43) Isopropyl Acetate	8.450	43	397445	51.376	ug/l	100
44) Trichloroethene	9.108	130	397435	47.016	ug/l	99
45) 1,2-Dichloropropane	9.385	63	438608	48.646	ug/l	97
46) Dibromomethane	9.473	93	213961	48.277	ug/l	98
47) Bromodichloromethane	9.661	83	550629	47.820	ug/l	99
48) Methyl methacrylate	9.455	41	199176	48.446	ug/l	99
49) 1,4-Dioxane	9.455	88	48247	1030.389	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	1086833	269.981	ug/l	99
52) Toluene	10.397	92	1053738	50.606	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	513718	53.151	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	629567	53.803	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	303104	48.420	ug/l	98
56) Ethyl methacrylate	10.655	69	367038	47.624	ug/l	95
57) 1,3-Dichloropropane	10.944	76	525457	49.607	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	792295	234.182	ug/l	99
59) 2-Hexanone	10.979	43	779064	292.579	ug/l	100
60) Dibromochloromethane	11.138	129	346789	48.916	ug/l	99
61) 1,2-Dibromoethane	11.244	107	279702	49.627	ug/l	98
64) Tetrachloroethene	10.873	164	311644	48.205	ug/l	95
65) Chlorobenzene	11.661	112	1049495	49.947	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	375884	49.728	ug/l	98
67) Ethyl Benzene	11.738	91	1951155	52.744	ug/l	100
68) m/p-Xylenes	11.849	106	1529783	106.675	ug/l	100
69) o-Xylene	12.173	106	689935	52.920	ug/l	100
70) Styrene	12.191	104	1221751	54.075	ug/l	99
71) Bromoform	12.355	173	183452	49.975	ug/l #	100
73) Isopropylbenzene	12.473	105	1851726	54.762	ug/l	100
74) N-amyl acetate	12.279	43	385620	55.443	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	344894	51.074	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	237250m	47.428	ug/l	
77) Bromobenzene	12.755	156	386393	50.735	ug/l	100
78) n-propylbenzene	12.814	91	2383841	54.889	ug/l	100
79) 2-Chlorotoluene	12.902	91	1326889	52.599	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1568970	54.241	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	105200	63.801	ug/l	97
82) 4-Chlorotoluene	12.996	91	1392870	52.813	ug/l	99
83) tert-Butylbenzene	13.214	119	1329761	56.543	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	1545606	54.163	ug/l	100
85) sec-Butylbenzene	13.391	105	2044803	54.999	ug/l	99
86) p-Isopropyltoluene	13.508	119	1659890	54.954	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	814494	50.939	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	793623	49.798	ug/l	100
89) n-Butylbenzene	13.832	91	1647861	55.280	ug/l	99
90) Hexachloroethane	14.102	117	323730	50.597	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	695350	50.386	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	49159	50.555	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	393319	52.824	ug/l	99
94) Hexachlorobutadiene	15.255	225	237056	52.046	ug/l	99
95) Naphthalene	15.385	128	737758	48.165	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	343110	53.285	ug/l	99

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

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