

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069804.D
 Acq On : 22 Jul 2021 11:37
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:15:19 PM

Quant Time: Jul 23 04:29:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:26:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	636916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1111069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1054056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	490573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	325914	44.493	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.980%		
35) Dibromofluoromethane	7.914	113	334484	47.755	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.500%		
50) Toluene-d8	10.338	98	1299345	48.110	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.220%		
62) 4-Bromofluorobenzene	12.626	95	432408	47.907	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	299982	44.748	ug/l	100
3) Chloromethane	2.209	50	432052	44.429	ug/l	100
4) Vinyl Chloride	2.350	62	475301	46.469	ug/l	100
5) Bromomethane	2.762	94	291895	43.570	ug/l	100
6) Chloroethane	2.921	64	309685	46.712	ug/l	100
7) Trichlorofluoromethane	3.273	101	582539	46.135	ug/l	100
8) Diethyl Ether	3.709	74	171317	48.236	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	365744	45.608	ug/l	100
10) Methyl Iodide	4.303	142	381186	54.404	ug/l	100
11) Tert butyl alcohol	5.226	59	82808	218.707	ug/l	100
12) 1,1-Dichloroethene	4.068	96	351493	48.234	ug/l	100
13) Acrolein	3.926	56	123298	232.381	ug/l	100
14) Allyl chloride	4.715	41	528392	49.456	ug/l	100
15) Acrylonitrile	5.420	53	394988	236.411	ug/l	100
16) Acetone	4.162	43	330851	250.029	ug/l	100
17) Carbon Disulfide	4.409	76	1235806	47.429	ug/l	100
18) Methyl Acetate	4.720	43	166987	43.493	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	745263	49.360	ug/l	100
20) Methylene Chloride	4.962	84	477608	39.629	ug/l	100
21) trans-1,2-Dichloroethene	5.473	96	419339	48.835	ug/l	100
22) Diisopropyl ether	6.367	45	1179360	50.798	ug/l	100
23) Vinyl Acetate	6.303	43	2918020	262.302	ug/l	100
24) 1,1-Dichloroethane	6.262	63	760033	47.396	ug/l	100
25) 2-Butanone	7.214	43	438772	244.511	ug/l	100
26) 2,2-Dichloropropane	7.209	77	582731	47.791	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	443042	48.353	ug/l	100
28) Bromochloromethane	7.544	49	297753	48.906	ug/l	100
29) Tetrahydrofuran	7.562	42	291041	250.686	ug/l	100
30) Chloroform	7.709	83	754290	46.785	ug/l	100
31) Cyclohexane	7.985	56	670279	46.832	ug/l	100
32) 1,1,1-Trichloroethane	7.903	97	635379	47.612	ug/l	100
36) 1,1-Dichloropropene	8.109	75	589488	49.164	ug/l	100
37) Ethyl Acetate	7.291	43	211450	48.442	ug/l	100
38) Carbon Tetrachloride	8.097	117	530876	48.471	ug/l	100
39) Methylcyclohexane	9.350	83	704017	51.268	ug/l	100
40) Benzene	8.350	78	1686728	48.558	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	106815	49.047	ug/l	100
42) 1,2-Dichloroethane	8.426	62	438786	47.764	ug/l	100
43) Isopropyl Acetate	8.450	43	378654	48.368	ug/l	100
44) Trichloroethene	9.108	130	407248	47.606	ug/l	100
45) 1,2-Dichloropropane	9.385	63	434330	47.602	ug/l	100
46) Dibromomethane	9.473	93	212865	47.461	ug/l	100
47) Bromodichloromethane	9.656	83	560022	48.060	ug/l	100
48) Methyl methacrylate	9.450	41	194458	51.631	ug/l	100
49) 1,4-Dioxane	9.456	88	45191	953.699	ug/l	100
51) 4-Methyl-2-Pentanone	10.226	43	1024987	251.604	ug/l	100
52) Toluene	10.397	92	1054014	50.020	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	468080	47.856	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	561551	47.422	ug/l	100
55) 1,1,2-Trichloroethane	10.797	97	298020	47.044	ug/l	100
56) Ethyl methacrylate	10.655	69	350682	50.560	ug/l	100
57) 1,3-Dichloropropane	10.944	76	516800	48.212	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	802767	270.187	ug/l	100
59) 2-Hexanone	10.979	43	696605	258.514	ug/l	100
60) Dibromochloromethane	11.138	129	341911	47.657	ug/l	100
61) 1,2-Dibromoethane	11.244	107	273070	47.877	ug/l	100
64) Tetrachloroethene	10.873	164	327301	48.713	ug/l	100
65) Chlorobenzene	11.667	112	1050710	48.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	380431	48.426	ug/l	100
67) Ethyl Benzene	11.738	91	1964661	51.101	ug/l	100
68) m/p-Xylenes	11.850	106	1537130	103.134	ug/l	100
69) o-Xylene	12.173	106	690919	50.992	ug/l	100
70) Styrene	12.191	104	1222753	52.073	ug/l	100
71) Bromoform	12.355	173	184601	48.387	ug/l #	100
73) Isopropylbenzene	12.473	105	1838298	52.153	ug/l	100
74) N-amyl acetate	12.279	43	364876	50.326	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	333044	47.312	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	229030m	59.798	ug/l	
77) Bromobenzene	12.755	156	388191	48.898	ug/l	100
78) n-propylbenzene	12.814	91	2367030	52.285	ug/l	100
79) 2-Chlorotoluene	12.902	91	1329461	50.557	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1585598	52.586	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	86930	50.576	ug/l	100
82) 4-Chlorotoluene	12.997	91	1399875	50.919	ug/l	100
83) tert-Butylbenzene	13.214	119	1270904	51.842	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1544738	51.930	ug/l	100
85) sec-Butylbenzene	13.391	105	2011573	51.904	ug/l	100
86) p-Isopropyltoluene	13.508	119	1645450	52.260	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	805267	48.313	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	789434	47.520	ug/l	100
89) n-Butylbenzene	13.832	91	1611869	51.873	ug/l	100
90) Hexachloroethane	14.102	117	318649	47.777	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	699063	48.594	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	48923	48.265	ug/l	100
93) 1,2,4-Trichlorobenzene	15.149	180	384838	49.582	ug/l	100
94) Hexachlorobutadiene	15.255	225	234645	49.421	ug/l	100
95) Naphthalene	15.385	128	704706	50.865	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	336289	50.101	ug/l	100

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

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