

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072721\
 Data File : VD069861.D
 Acq On : 27 Jul 2021 12:37
 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
 7/28/2021 8:56:23 PM

Quant Time: Jul 28 03:56:47 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	661390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1123264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1043843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	478124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	369204	48.537	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.080%		
35) Dibromofluoromethane	7.908	113	377698	53.339	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.680%		
50) Toluene-d8	10.338	98	1480406	54.219	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	108.440%		
62) 4-Bromofluorobenzene	12.626	95	504603	55.298	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	110.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	316565	45.474	ug/l	99
3) Chloromethane	2.209	50	436108	43.186	ug/l	100
4) Vinyl Chloride	2.350	62	498156	46.901	ug/l	99
5) Bromomethane	2.756	94	313819	50.085	ug/l	99
6) Chloroethane	2.914	64	324376	47.118	ug/l	98
7) Trichlorofluoromethane	3.267	101	630095	48.055	ug/l	100
8) Diethyl Ether	3.709	74	190443	51.636	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	404740	48.603	ug/l	99
10) Methyl Iodide	4.297	142	397322	48.441	ug/l	98
11) Tert butyl alcohol	5.220	59	99992	254.046	ug/l	99
12) 1,1-Dichloroethene	4.067	96	383871	50.728	ug/l	97
13) Acrolein	3.920	56	158923	288.440	ug/l	99
14) Allyl chloride	4.708	41	584965	52.725	ug/l	99
15) Acrylonitrile	5.414	53	446776	257.513	ug/l	99
16) Acetone	4.150	43	402541	292.949	ug/l	95
17) Carbon Disulfide	4.403	76	1276351	47.173	ug/l	99
18) Methyl Acetate	4.714	43	190318	47.735	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	848035	54.088	ug/l	100
20) Methylene Chloride	4.961	84	471264	46.969	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	440343	49.383	ug/l	96
22) Diisopropyl ether	6.361	45	1276786	52.960	ug/l	99
23) Vinyl Acetate	6.303	43	3291002	248.303	ug/l	99
24) 1,1-Dichloroethane	6.261	63	796804	47.851	ug/l	99
25) 2-Butanone	7.208	43	517117	277.506	ug/l	100
26) 2,2-Dichloropropane	7.202	77	669405	52.867	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	481922	50.650	ug/l	98
28) Bromochloromethane	7.544	49	325700	51.517	ug/l	97
29) Tetrahydrofuran	7.555	42	338020	280.377	ug/l	100
30) Chloroform	7.708	83	794346	47.446	ug/l	95
31) Cyclohexane	7.979	56	740010	49.790	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	681695	49.192	ug/l	100
36) 1,1-Dichloropropene	8.108	75	636315	52.493	ug/l	100
37) Ethyl Acetate	7.291	43	228396	51.756	ug/l	96
38) Carbon Tetrachloride	8.091	117	583040	52.656	ug/l	98
39) Methylcyclohexane	9.349	83	772010	55.609	ug/l	99
40) Benzene	8.349	78	1791774	51.022	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	129349	55.854	ug/l	95
42) 1,2-Dichloroethane	8.420	62	455035	48.995	ug/l	98
43) Isopropyl Acetate	8.449	43	436512	55.153	ug/l	98
44) Trichloroethene	9.108	130	431915	49.942	ug/l	96
45) 1,2-Dichloropropane	9.385	63	461128	49.990	ug/l	100
46) Dibromomethane	9.473	93	226015	49.846	ug/l	98
47) Bromodichloromethane	9.655	83	583431	49.525	ug/l	99
48) Methyl methacrylate	9.449	41	217105	51.436	ug/l	97
49) 1,4-Dioxane	9.461	88	57028	1190.437	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	1176110	285.566	ug/l	99
52) Toluene	10.396	92	1129822	53.035	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	538687	54.477	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	631825	52.777	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	322538	50.362	ug/l	99
56) Ethyl methacrylate	10.655	69	404625	51.014	ug/l	96
57) 1,3-Dichloropropane	10.943	76	570087	52.605	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	958135	273.011	ug/l	100
59) 2-Hexanone	10.979	43	833124	305.821	ug/l	100
60) Dibromochloromethane	11.132	129	366873	50.581	ug/l	99
61) 1,2-Dibromoethane	11.238	107	296743	51.463	ug/l	99
64) Tetrachloroethene	10.873	164	341432	51.313	ug/l	96
65) Chlorobenzene	11.661	112	1118641	51.726	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	394112	50.659	ug/l	98
67) Ethyl Benzene	11.738	91	2113539	55.511	ug/l	99
68) m/p-Xylenes	11.843	106	1624593	110.068	ug/l	99
69) o-Xylene	12.173	106	749059	55.823	ug/l	100
70) Styrene	12.185	104	1298111	55.823	ug/l	100
71) Bromoform	12.349	173	198364	52.503	ug/l #	99
73) Isopropylbenzene	12.473	105	1998001	58.160	ug/l	100
74) N-amyl acetate	12.279	43	424580	60.085	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	369459	53.852	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	248214m	48.841	ug/l	
77) Bromobenzene	12.755	156	412382	53.297	ug/l	99
78) n-propylbenzene	12.814	91	2539427	57.553	ug/l	100
79) 2-Chlorotoluene	12.896	91	1418339	55.341	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1662285	56.564	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	102965	61.464	ug/l	97
82) 4-Chlorotoluene	12.996	91	1480725	55.263	ug/l	100
83) tert-Butylbenzene	13.214	119	1382103	57.846	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1649766	56.905	ug/l	99
85) sec-Butylbenzene	13.390	105	2205741	58.396	ug/l	99
86) p-Isopropyltoluene	13.508	119	1783973	58.135	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	852799	52.497	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	845547	52.223	ug/l	100
89) n-Butylbenzene	13.832	91	1762937	58.212	ug/l	99
90) Hexachloroethane	14.102	117	346784	53.349	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	738595	52.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	53990	54.651	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	435729	57.601	ug/l	98
94) Hexachlorobutadiene	15.255	225	253981	54.886	ug/l	98
95) Naphthalene	15.390	128	810046	51.651	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	373699	57.124	ug/l	100

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

