

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069807.D
 Acq On : 22 Jul 2021 13:30
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD072221

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:15:39 PM

Quant Time: Jul 23 04:59:21 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	7.979	168	657338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1161824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1107844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	512569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	341337	45.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.300%
35) Dibromofluoromethane	7.914	113	341867	46.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.360%
50) Toluene-d8	10.338	98	1344623	47.612	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.220%
62) 4-Bromofluorobenzene	12.626	95	461058	48.849	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	311816	45.068	ug/l	99
3) Chloromethane	2.209	50	454670	45.302	ug/l	98
4) Vinyl Chloride	2.344	62	495546	46.943	ug/l	99
5) Bromomethane	2.762	94	344096	55.461	ug/l	96
6) Chloroethane	2.920	64	323306	47.252	ug/l	94
7) Trichlorofluoromethane	3.267	101	606490	46.540	ug/l	97
8) Diethyl Ether	3.709	74	192520	52.521	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	393364	47.528	ug/l	99
10) Methyl Iodide	4.297	142	347378	43.029	ug/l	100
11) Tert butyl alcohol	5.232	59	94525	241.636	ug/l	99
12) 1,1-Dichloroethene	4.067	96	374053	49.735	ug/l	97
13) Acrolein	3.926	56	135519	247.479	ug/l	100
14) Allyl chloride	4.714	41	584750	53.031	ug/l	99
15) Acrylonitrile	5.420	53	439708	255.001	ug/l	99
16) Acetone	4.156	43	302218	221.295	ug/l	96
17) Carbon Disulfide	4.409	76	1301407	48.395	ug/l	100
18) Methyl Acetate	4.714	43	187660	47.359	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	844220	54.177	ug/l	98
20) Methylene Chloride	4.961	84	496522	50.226	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	444976	50.211	ug/l	94
22) Diisopropyl ether	6.361	45	1298957	54.211	ug/l	99
23) Vinyl Acetate	6.303	43	3326318	252.169	ug/l	99
24) 1,1-Dichloroethane	6.261	63	818086	49.432	ug/l	99
25) 2-Butanone	7.208	43	490090	264.623	ug/l	100
26) 2,2-Dichloropropane	7.208	77	614279	48.813	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	485983	51.392	ug/l	98
28) Bromochloromethane	7.544	49	312824	49.785	ug/l	98
29) Tetrahydrofuran	7.561	42	330386	275.734	ug/l	99
30) Chloroform	7.708	83	803923	48.314	ug/l	98
31) Cyclohexane	7.985	56	726218	49.164	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	673003	48.864	ug/l	99
36) 1,1-Dichloropropene	8.108	75	623583	49.736	ug/l	100
37) Ethyl Acetate	7.291	43	231638	50.749	ug/l	100
38) Carbon Tetrachloride	8.097	117	566349	49.451	ug/l	97
39) Methylcyclohexane	9.355	83	761733	53.047	ug/l	97
40) Benzene	8.350	78	1807629	49.765	ug/l	99

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41) Methacrylonitrile	7.520	41	122931	51.321	ug/l	99
42) 1,2-Dichloroethane	8.420	62	466300	48.541	ug/l	100
43) Isopropyl Acetate	8.450	43	437578	53.453	ug/l	99
44) Trichloroethene	9.108	130	430358	48.110	ug/l	96
45) 1,2-Dichloropropane	9.385	63	476676	49.960	ug/l	100
46) Dibromomethane	9.473	93	230701	49.191	ug/l	98
47) Bromodichloromethane	9.655	83	603836	49.556	ug/l	95
48) Methyl methacrylate	9.455	41	199398	45.981	ug/l	91
49) 1,4-Dioxane	9.461	88	54290	1095.670	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	1160290	272.374	ug/l	100
52) Toluene	10.396	92	1138582	51.673	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	523281	51.162	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	624269	50.415	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	318565	48.090	ug/l	99
56) Ethyl methacrylate	10.655	69	398981	48.815	ug/l	99
57) 1,3-Dichloropropane	10.938	76	565077	50.413	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	882757	245.465	ug/l	99
59) 2-Hexanone	10.979	43	769341	273.035	ug/l	98
60) Dibromochloromethane	11.132	129	370912	49.441	ug/l	99
61) 1,2-Dibromoethane	11.238	107	300840	50.442	ug/l	100
64) Tetrachloroethene	10.873	164	347001	49.137	ug/l	99
65) Chlorobenzene	11.667	112	1151078	50.151	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	406449	49.226	ug/l	99
67) Ethyl Benzene	11.738	91	2143687	53.050	ug/l	98
68) m/p-Xylenes	11.849	106	1650411	105.358	ug/l	99
69) o-Xylene	12.173	106	763912	53.641	ug/l	100
70) Styrene	12.185	104	1346349	54.553	ug/l	99
71) Bromoform	12.355	173	197823	49.335	ug/l #	98
73) Isopropylbenzene	12.473	105	2016154	54.744	ug/l	100
74) N-amyl acetate	12.279	43	421072	55.585	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	362429	49.277	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	243026m	44.606	ug/l	
77) Bromobenzene	12.749	156	419784	50.608	ug/l	99
78) n-propylbenzene	12.814	91	2555543	54.026	ug/l	100
79) 2-Chlorotoluene	12.896	91	1446435	52.644	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1718787	54.557	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	96150	53.539	ug/l	96
82) 4-Chlorotoluene	12.996	91	1509096	52.537	ug/l	100
83) tert-Butylbenzene	13.214	119	1404608	54.837	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	1702528	54.779	ug/l	99
85) sec-Butylbenzene	13.390	105	2206012	54.479	ug/l	100
86) p-Isopropyltoluene	13.502	119	1793123	54.506	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	880336	50.551	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	865704	49.875	ug/l	99
89) n-Butylbenzene	13.832	91	1769019	54.487	ug/l	99
90) Hexachloroethane	14.096	117	345297	49.550	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	754533	50.199	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	53038	50.080	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	438234	54.039	ug/l	99
94) Hexachlorobutadiene	15.255	225	259165	52.243	ug/l	98
95) Naphthalene	15.384	128	805491	48.271	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	384010	54.755	ug/l	99

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

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