

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069883.D
 Acq On : 28 Jul 2021 12:06
 Operator : VA/SY
 Sample : VD0728SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2021 4:11:35 PM

Quant Time: Jul 28 13:13:01 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	594423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1071919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1021547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	483095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	328055	47.987	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.980%		
35) Dibromofluoromethane	7.914	113	333192	49.308	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.620%		
50) Toluene-d8	10.338	98	1299377	49.869	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.740%		
62) 4-Bromofluorobenzene	12.626	95	446582	51.284	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	129536	20.704	ug/l	100
3) Chloromethane	2.209	50	179913	19.823	ug/l	100
4) Vinyl Chloride	2.344	62	194995	20.427	ug/l	99
5) Bromomethane	2.750	94	126586	21.383	ug/l	93
6) Chloroethane	2.909	64	124541	20.128	ug/l	93
7) Trichlorofluoromethane	3.268	101	239244	20.302	ug/l	96
8) Diethyl Ether	3.703	74	64846	19.563	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	151774	20.279	ug/l	99
10) Methyl Iodide	4.297	142	120115	18.592	ug/l	99
11) Tert butyl alcohol	5.226	59	37487	105.972	ug/l	99
12) 1,1-Dichloroethene	4.062	96	134123	19.721	ug/l	98
13) Acrolein	3.915	56	44526	89.918	ug/l	99
14) Allyl chloride	4.715	41	195960	19.652	ug/l	99
15) Acrylonitrile	5.415	53	154623	99.162	ug/l	97
16) Acetone	4.156	43	119031	96.384	ug/l	96
17) Carbon Disulfide	4.403	76	480443	19.757	ug/l	97
18) Methyl Acetate	4.709	43	70412	19.650	ug/l	98
19) Methyl tert-butyl Ether	5.468	73	267051	18.952	ug/l	99
20) Methylene Chloride	4.962	84	220651	21.004	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	152981	19.089	ug/l	91
22) Diisopropyl ether	6.362	45	440339	20.322	ug/l	94
23) Vinyl Acetate	6.303	43	996254	97.130	ug/l	98
24) 1,1-Dichloroethane	6.262	63	296500	19.812	ug/l	96
25) 2-Butanone	7.209	43	165687	98.931	ug/l	99
26) 2,2-Dichloropropane	7.203	77	230437	20.249	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	168374	19.690	ug/l	99
28) Bromochloromethane	7.544	49	122128	21.494	ug/l	97
29) Tetrahydrofuran	7.562	42	110688	102.156	ug/l	97
30) Chloroform	7.709	83	296643	19.715	ug/l	92
31) Cyclohexane	7.985	56	267187	20.003	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	248676	19.967	ug/l	98
36) 1,1-Dichloropropene	8.109	75	225257	19.473	ug/l	99
37) Ethyl Acetate	7.291	43	81843	19.435	ug/l	95
38) Carbon Tetrachloride	8.091	117	209396	19.817	ug/l	96
39) Methylcyclohexane	9.350	83	253157	19.109	ug/l	96
40) Benzene	8.350	78	666435	19.886	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	47343	21.422	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	172417	19.454	ug/l	98
43) Isopropyl Acetate	8.450	43	147218	19.492	ug/l	100
44) Trichloroethene	9.108	130	157958	19.139	ug/l	94
45) 1,2-Dichloropropane	9.385	63	173949	19.761	ug/l	100
46) Dibromomethane	9.473	93	84402	19.506	ug/l	99
47) Bromodichloromethane	9.656	83	215845	19.200	ug/l	99
48) Methyl methacrylate	9.450	41	72131	19.698	ug/l	99
49) 1,4-Dioxane	9.456	88	17819	389.782	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	385754	98.150	ug/l	100
52) Toluene	10.397	92	406507	19.996	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	186312	19.744	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	226559	19.831	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	119269	19.515	ug/l	95
56) Ethyl methacrylate	10.655	69	125109	19.163	ug/l	97
57) 1,3-Dichloropropane	10.944	76	205266	19.848	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	291947	101.378	ug/l	100
59) 2-Hexanone	10.979	43	256573	98.693	ug/l	99
60) Dibromochloromethane	11.132	129	135780	19.617	ug/l	98
61) 1,2-Dibromoethane	11.238	107	108585	19.733	ug/l	98
64) Tetrachloroethene	10.873	164	129472	19.883	ug/l	95
65) Chlorobenzene	11.661	112	419719	19.831	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	151525	19.902	ug/l	98
67) Ethyl Benzene	11.738	91	726532	19.498	ug/l	100
68) m/p-Xylenes	11.850	106	581848	40.281	ug/l	99
69) o-Xylene	12.173	106	254050	19.346	ug/l	98
70) Styrene	12.191	104	453776	19.940	ug/l	99
71) Bromoform	12.355	173	71104	19.230	ug/l #	99
73) Isopropylbenzene	12.473	105	670980	19.330	ug/l	99
74) N-amyl acetate	12.279	43	137350	19.237	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	135021	19.478	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	110843m	21.586	ug/l	
77) Bromobenzene	12.755	156	156185	19.978	ug/l	95
78) n-propylbenzene	12.814	91	885523	19.863	ug/l	100
79) 2-Chlorotoluene	12.902	91	500484	19.327	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	587972	19.802	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	32747	19.347	ug/l	95
82) 4-Chlorotoluene	12.997	91	543503	20.076	ug/l	100
83) tert-Butylbenzene	13.214	119	468102	19.390	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	588105	20.077	ug/l	99
85) sec-Butylbenzene	13.391	105	760801	19.935	ug/l	100
86) p-Isopropyltoluene	13.508	119	611656	19.727	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	321332	19.577	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	317298	19.395	ug/l	99
89) n-Butylbenzene	13.832	91	584069	19.087	ug/l	99
90) Hexachloroethane	14.102	117	125914	19.171	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	276934	19.549	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	19562	19.598	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	149353	19.540	ug/l	97
94) Hexachlorobutadiene	15.255	225	87574	18.730	ug/l	98
95) Naphthalene	15.385	128	246530	19.051	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	127094	19.228	ug/l	99

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

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