

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071421\
 Data File : VD069690.D
 Acq On : 14 Jul 2021 16:14
 Operator : VA/SY
 Sample : VD0714SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0714SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 5:51:14 PM

Quant Time: Jul 15 03:30:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	607310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1108232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1059592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	494481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	391186	51.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.180%
35) Dibromofluoromethane	7.914	113	381408	51.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.600%
50) Toluene-d8	10.337	98	1509820	52.271	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.540%
62) 4-Bromofluorobenzene	12.626	95	510631	53.007	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.020%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	83029	13.713	ug/l	98
3) Chloromethane	2.208	50	134838	15.532	ug/l	100
4) Vinyl Chloride	2.344	62	149040	16.133	ug/l	98
5) Bromomethane	2.750	94	104549	17.188	ug/l	93
6) Chloroethane	2.914	64	104738	17.720	ug/l	99
7) Trichlorofluoromethane	3.267	101	201005	17.254	ug/l	100
8) Diethyl Ether	3.714	74	62272	18.321	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	130390	18.048	ug/l	100
10) Methyl Iodide	4.297	142	97367	14.719	ug/l	96
11) Tert butyl alcohol	5.220	59	36868	36.389	ug/l #	92
12) 1,1-Dichloroethene	4.067	96	115945	17.506	ug/l	96
13) Acrolein	3.920	56	53578	102.485	ug/l	99
14) Allyl chloride	4.708	41	180201	17.609	ug/l	99
15) Acrylonitrile	5.420	53	136525	88.578	ug/l	99
16) Acetone	4.155	43	120671	83.539	ug/l	99
17) Carbon Disulfide	4.408	76	326199	14.271	ug/l	100
18) Methyl Acetate	4.714	43	107207	26.160	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	243319	17.354	ug/l	91
20) Methylene Chloride	4.955	84	227958	17.729	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	135604	17.145	ug/l	95
22) Diisopropyl ether	6.361	45	386073	18.203	ug/l	99
23) Vinyl Acetate	6.302	43	834547	81.082	ug/l	99
24) 1,1-Dichloroethane	6.261	63	278410	18.811	ug/l	99
25) 2-Butanone	7.214	43	177106	98.819	ug/l	98
26) 2,2-Dichloropropane	7.202	77	214350	18.153	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	159794	18.729	ug/l	98
28) Bromochloromethane	7.544	49	95237	16.674	ug/l	98
29) Tetrahydrofuran	7.561	42	96937	87.299	ug/l	97
30) Chloroform	7.708	83	272434	18.505	ug/l	99
31) Cyclohexane	7.979	56	196365	15.506	ug/l	96
32) 1,1,1-Trichloroethane	7.908	97	234890	18.816	ug/l	99
36) 1,1-Dichloropropene	8.108	75	195886	17.133	ug/l	100
37) Ethyl Acetate	7.291	43	81800	18.914	ug/l	98
38) Carbon Tetrachloride	8.096	117	190499	18.196	ug/l	95
39) Methylcyclohexane	9.355	83	177834	14.469	ug/l	96
40) Benzene	8.349	78	608004	18.438	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	46353	20.681	ug/l	94
42) 1,2-Dichloroethane	8.420	62	170285	19.025	ug/l	100
43) Isopropyl Acetate	8.449	43	154541	19.513	ug/l	99
44) Trichloroethene	9.108	130	146139	18.276	ug/l	100
45) 1,2-Dichloropropane	9.385	63	160079	18.469	ug/l	93
46) Dibromomethane	9.473	93	76444	18.071	ug/l	98
47) Bromodichloromethane	9.661	83	220086	19.631	ug/l	99
48) Methyl methacrylate	9.449	41	66298	16.874	ug/l #	86
49) 1,4-Dioxane	9.455	88	15314	335.248	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	419435	102.269	ug/l	99
52) Toluene	10.396	92	383205	19.320	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	188630	20.015	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	229021	19.789	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	113664	19.208	ug/l	96
56) Ethyl methacrylate	10.655	69	125260	17.681	ug/l	97
57) 1,3-Dichloropropane	10.937	76	203656	19.494	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	299690	94.978	ug/l	99
59) 2-Hexanone	10.979	43	271530	99.329	ug/l	99
60) Dibromochloromethane	11.137	129	139272	20.175	ug/l	97
61) 1,2-Dibromoethane	11.237	107	106970	19.484	ug/l	99
64) Tetrachloroethene	10.873	164	122279	18.898	ug/l	98
65) Chlorobenzene	11.667	112	402526	19.017	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.737	131	148245	19.606	ug/l	100
67) Ethyl Benzene	11.737	91	696128	18.571	ug/l	98
68) m/p-Xylenes	11.849	106	535919	37.810	ug/l	99
69) o-Xylene	12.173	106	239869	18.585	ug/l	99
70) Styrene	12.184	104	432162	19.187	ug/l	100
71) Bromoform	12.355	173	73740	20.115	ug/l #	100
73) Isopropylbenzene	12.473	105	643662	18.281	ug/l	100
74) N-amyl acetate	12.279	43	146520	19.151	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	141251	20.141	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	95973m	19.979	ug/l	
77) Bromobenzene	12.749	156	149162	19.095	ug/l	97
78) n-propylbenzene	12.814	91	844738	18.922	ug/l	99
79) 2-Chlorotoluene	12.902	91	492850	18.778	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	566970	18.986	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	36378	20.352	ug/l	97
82) 4-Chlorotoluene	12.996	91	524195	19.033	ug/l	99
83) tert-Butylbenzene	13.214	119	451458	18.543	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	569053	19.206	ug/l	99
85) sec-Butylbenzene	13.390	105	698469	18.255	ug/l	99
86) p-Isopropyltoluene	13.508	119	584183	18.745	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	311039	19.173	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	305303	18.845	ug/l	98
89) n-Butylbenzene	13.831	91	573584	18.577	ug/l	99
90) Hexachloroethane	14.102	117	110974	17.499	ug/l	100
91) 1,2-Dichlorobenzene	13.878	146	267434	19.119	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	19762	18.919	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	148433	19.087	ug/l	97
94) Hexachlorobutadiene	15.249	225	86621	18.475	ug/l	99
95) Naphthalene	15.384	128	266573	18.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	131856	19.739	ug/l	99

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

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