

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091521\
 Data File : VD070369.D
 Acq On : 15 Sep 2021 10:58
 Operator : VA/SY
 Sample : VD0915SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/16/2021 7:23:15 PM

Quant Time: Sep 16 02:39:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	394412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	699780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	677636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	319622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	231006	45.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.220%
35) Dibromofluoromethane	7.914	113	236327	47.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.880%
50) Toluene-d8	10.337	98	912001	50.428	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.860%
62) 4-Bromofluorobenzene	12.626	95	308494	48.808	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	93889	21.251	ug/l	94
3) Chloromethane	2.208	50	119383	19.943	ug/l	97
4) Vinyl Chloride	2.344	62	128048	20.634	ug/l	93
5) Bromomethane	2.750	94	83335	18.875	ug/l	90
6) Chloroethane	2.914	64	80965	19.341	ug/l	98
7) Trichlorofluoromethane	3.267	101	164664	20.062	ug/l	99
8) Diethyl Ether	3.708	74	41241	18.176	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.085	101	105838	20.759	ug/l	99
10) Methyl Iodide	4.297	142	75983	16.276	ug/l	96
11) Tert butyl alcohol	5.197	59	48933	85.455	ug/l #	100
12) 1,1-Dichloroethene	4.067	96	87430	19.040	ug/l	95
13) Acrolein	3.926	56	21135	83.950	ug/l	98
14) Allyl chloride	4.708	41	119876	17.766	ug/l	99
15) Acrylonitrile	5.414	53	96599	89.354	ug/l	99
16) Acetone	4.155	43	83657	92.524	ug/l	95
17) Carbon Disulfide	4.402	76	323733	19.109	ug/l	97
18) Methyl Acetate	4.714	43	48359	18.535	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	173568	17.491	ug/l	100
20) Methylene Chloride	4.961	84	132974	19.114	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	102816	18.810	ug/l	95
22) Diisopropyl ether	6.355	45	271990	18.833	ug/l	97
23) Vinyl Acetate	6.302	43	565356	84.501	ug/l	100
24) 1,1-Dichloroethane	6.261	63	194330	19.017	ug/l	95
25) 2-Butanone	7.214	43	106250	88.278	ug/l	97
26) 2,2-Dichloropropane	7.208	77	154244	18.674	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	107506	18.309	ug/l	96
28) Bromochloromethane	7.543	49	68757	16.958	ug/l	96
29) Tetrahydrofuran	7.561	42	66802	86.461	ug/l	94
30) Chloroform	7.702	83	194940	18.608	ug/l	93
31) Cyclohexane	7.985	56	168802	19.350	ug/l	98
32) 1,1,1-Trichloroethane	7.896	97	168956	19.161	ug/l	96
36) 1,1-Dichloropropene	8.108	75	150294	20.093	ug/l	99
37) Ethyl Acetate	7.296	43	50946	18.215	ug/l	95
38) Carbon Tetrachloride	8.096	117	145783	19.707	ug/l	93
39) Methylcyclohexane	9.349	83	163657	19.586	ug/l	96
40) Benzene	8.343	78	434420	19.819	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	24667	16.762	ug/l	94
42) 1,2-Dichloroethane	8.426	62	112769	19.209	ug/l	97
43) Isopropyl Acetate	8.449	43	90877	17.573	ug/l	97
44) Trichloroethene	9.108	130	105265	20.094	ug/l	91
45) 1,2-Dichloropropane	9.385	63	112826	19.619	ug/l	99
46) Dibromomethane	9.473	93	56593	19.110	ug/l	96
47) Bromodichloromethane	9.655	83	145647	19.278	ug/l	94
48) Methyl methacrylate	9.449	41	44935	18.819	ug/l	94
49) 1,4-Dioxane	9.461	88	11903	401.302	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	241963	90.417	ug/l	98
52) Toluene	10.396	92	268403	20.266	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	119145	18.333	ug/l	98
54) cis-1,3-Dichloropropene	10.084	75	144809	18.309	ug/l	98
55) 1,1,2-Trichloroethane	10.790	97	79478	19.509	ug/l	96
56) Ethyl methacrylate	10.655	69	78946	17.752	ug/l	92
57) 1,3-Dichloropropane	10.943	76	134142	19.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.937	63	197036	91.923	ug/l	98
59) 2-Hexanone	10.979	43	162180	90.833	ug/l	98
60) Dibromochloromethane	11.131	129	92532	19.517	ug/l	99
61) 1,2-Dibromoethane	11.243	107	72513	19.354	ug/l	97
64) Tetrachloroethene	10.873	164	85456	20.713	ug/l	98
65) Chlorobenzene	11.667	112	274381	19.546	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.737	131	102093	19.857	ug/l	98
67) Ethyl Benzene	11.737	91	472011	19.496	ug/l	99
68) m/p-Xylenes	11.849	106	376804	40.298	ug/l	100
69) o-Xylene	12.173	106	157863	18.845	ug/l	91
70) Styrene	12.184	104	295093	20.166	ug/l	99
71) Bromoform	12.349	173	49226	19.372	ug/l #	97
73) Isopropylbenzene	12.473	105	432757	19.307	ug/l	100
74) N-amyl acetate	12.278	43	88476	18.116	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	89728	18.690	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	60881m	18.831	ug/l	
77) Bromobenzene	12.749	156	99181	19.179	ug/l	97
78) n-propylbenzene	12.814	91	582945	20.038	ug/l	99
79) 2-Chlorotoluene	12.896	91	335156	19.765	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	383067	19.802	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	20387	15.800	ug/l	94
82) 4-Chlorotoluene	12.996	91	357836	20.003	ug/l	100
83) tert-Butylbenzene	13.214	119	302763	19.514	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	383199	20.116	ug/l	100
85) sec-Butylbenzene	13.390	105	495227	20.081	ug/l	99
86) p-Isopropyltoluene	13.508	119	398297	20.101	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	209366	19.446	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	212413	19.655	ug/l	98
89) n-Butylbenzene	13.831	91	381911	19.331	ug/l	99
90) Hexachloroethane	14.096	117	87165	19.217	ug/l	99
91) 1,2-Dichlorobenzene	13.878	146	176810	18.613	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.496	75	12808	17.814	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	94998	18.519	ug/l	98
94) Hexachlorobutadiene	15.255	225	61676	19.601	ug/l	99
95) Naphthalene	15.384	128	161036	17.273	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	81939	18.104	ug/l	99

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

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