Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092321\
Data File : VD070439.D
Acq On : 23 Sep 2021 10:49
Operator : VA/SY
Sample : VD0923SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0923SBS01

Quant Time: Sep 24 06:42:53 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	363440	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	638198	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.638	117	620188	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	297142	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.326	65	212976	45.638	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163			Recovery = 91.280%			
35) Dibromofluoromethane	7.908	113	217652	47.912	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147			Recovery = 95.820%			
50) Toluene-d8	10.332	98	831140	50.391	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140			Recovery = 100.780%			
62) 4-Bromofluorobenzene	12.626	95	282257	48.966	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144			Recovery = 97.940%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.985	85	82250	19.962	ug/l		98
3) Chloromethane	2.209	50	103210	18.438	ug/l		99
4) Vinyl Chloride	2.344	62	113384	19.828	ug/l		98
5) Bromomethane	2.750	94	73436	17.796	ug/l		99
6) Chloroethane	2.914	64	68283	17.372	ug/l		100
7) Trichlorofluoromethane	3.267	101	152277	20.134	ug/l		98
8) Diethyl Ether	3.703	74	36728	17.566	ug/l		94
9) 1,1,2-Trichlorotrifluo...	4.091	101	94749	20.168	ug/l		98
10) Methyl Iodide	4.297	142	67373	15.701	ug/l		95
11) Tert butyl alcohol	5.191	59	69392	131.512	ug/l	#	100
12) 1,1-Dichloroethene	4.061	96	80094	18.929	ug/l		97
13) Acrolein	3.920	56	13289	57.283	ug/l		91
14) Allyl chloride	4.708	41	107018	17.212	ug/l		96
15) Acrylonitrile	5.414	53	86530	86.861	ug/l		98
16) Acetone	4.156	43	77460	92.971	ug/l		96
17) Carbon Disulfide	4.403	76	290551	18.612	ug/l		100
18) Methyl Acetate	4.714	43	41052	16.952	ug/l		93
19) Methyl tert-butyl Ether	5.473	73	160651	17.569	ug/l		98
20) Methylene Chloride	4.956	84	159518	27.450	ug/l		99
21) trans-1,2-Dichloroethene	5.467	96	95755	19.011	ug/l		96
22) Diisopropyl ether	6.361	45	236706	17.787	ug/l		98
23) Vinyl Acetate	6.303	43	509145	82.584	ug/l		94
24) 1,1-Dichloroethane	6.261	63	172943	18.367	ug/l		99
25) 2-Butanone	7.208	43	97654	88.050	ug/l		97
26) 2,2-Dichloropropane	7.202	77	146946	19.307	ug/l		98
27) cis-1,2-Dichloroethene	7.208	96	99001	18.298	ug/l		98
28) Bromochloromethane	7.544	49	65277	17.472	ug/l		99
29) Tetrahydrofuran	7.555	42	58755	82.527	ug/l		97
30) Chloroform	7.702	83	181252	18.776	ug/l		100
31) Cyclohexane	7.979	56	146699	18.249	ug/l	#	95
32) 1,1,1-Trichloroethane	7.897	97	157211	19.349	ug/l		97
36) 1,1-Dichloropropene	8.102	75	137833	20.206	ug/l		98
37) Ethyl Acetate	7.291	43	47109	18.468	ug/l		98
38) Carbon Tetrachloride	8.091	117	141953	21.041	ug/l		92
39) Methylcyclohexane	9.349	83	142393	18.685	ug/l		92
40) Benzene	8.344	78	403105	20.165	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.514	41	24050	17.920	ug/l	#	87
42) 1,2-Dichloroethane	8.420	62	101886	19.029	ug/l		99
43) Isopropyl Acetate	8.449	43	81367	17.252	ug/l		99
44) Trichloroethene	9.108	130	97368	20.380	ug/l		93
45) 1,2-Dichloropropane	9.385	63	100030	19.072	ug/l		100
46) Dibromomethane	9.467	93	52382	19.395	ug/l		97
47) Bromodichloromethane	9.655	83	133892	19.433	ug/l		94
48) Methyl methacrylate	9.449	41	34314	15.757	ug/l		91
49) 1,4-Dioxane	9.455	88	10038	371.080	ug/l		91
51) 4-Methyl-2-Pentanone	10.220	43	216688	88.786	ug/l		97
52) Toluene	10.396	92	246406	20.400	ug/l		98
53) t-1,3-Dichloropropene	10.614	75	114969	19.398	ug/l		98
54) cis-1,3-Dichloropropene	10.085	75	140468	19.474	ug/l		95
55) 1,1,2-Trichloroethane	10.796	97	73529	19.791	ug/l		95
56) Ethyl methacrylate	10.655	69	70473	17.375	ug/l		99
57) 1,3-Dichloropropane	10.938	76	119978	18.968	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.938	63	196228	100.379	ug/l		99
59) 2-Hexanone	10.979	43	149295	91.685	ug/l		95
60) Dibromochloromethane	11.132	129	86353	19.971	ug/l		99
61) 1,2-Dibromoethane	11.238	107	66984	19.604	ug/l		98
64) Tetrachloroethene	10.873	164	79996	21.186	ug/l		97
65) Chlorobenzene	11.661	112	249784	19.442	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.732	131	90297	19.189	ug/l		98
67) Ethyl Benzene	11.738	91	426251	19.237	ug/l		95
68) m/p-Xylenes	11.843	106	346993	40.547	ug/l		100
69) o-Xylene	12.173	106	149860	19.547	ug/l		99
70) Styrene	12.185	104	263549	19.678	ug/l		98
71) Bromoform	12.355	173	45858	19.718	ug/l	#	99
73) Isopropylbenzene	12.473	105	388755	18.656	ug/l		99
74) N-amyl acetate	12.279	43	76920	16.941	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.720	83	84247	18.876	ug/l		98
76) 1,2,3-Trichloropropane	12.773	75	62240m	20.708	ug/l		
77) Bromobenzene	12.749	156	91299	18.990	ug/l		99
78) n-propylbenzene	12.808	91	529971	19.595	ug/l		98
79) 2-Chlorotoluene	12.896	91	304989	19.346	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	356696	19.834	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.520	75	22459	18.723	ug/l		96
82) 4-Chlorotoluene	12.996	91	327710	19.704	ug/l		99
83) tert-Butylbenzene	13.214	119	279302	19.364	ug/l		97
84) 1,2,4-Trimethylbenzene	13.255	105	351137	19.827	ug/l		99
85) sec-Butylbenzene	13.390	105	449843	19.620	ug/l		98
86) p-Isopropyltoluene	13.502	119	367019	19.924	ug/l		99
87) 1,3-Dichlorobenzene	13.508	146	198231	19.805	ug/l		99
88) 1,4-Dichlorobenzene	13.585	146	196568	19.565	ug/l		98
89) n-Butylbenzene	13.832	91	344132	18.737	ug/l		99
90) Hexachloroethane	14.096	117	82205	19.494	ug/l		98
91) 1,2-Dichlorobenzene	13.879	146	166751	18.882	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11161	16.698	ug/l		92
93) 1,2,4-Trichlorobenzene	15.143	180	87959	18.444	ug/l		97
94) Hexachlorobutadiene	15.249	225	56095	19.176	ug/l		97
95) Naphthalene	15.384	128	141836	16.365	ug/l		98
96) 1,2,3-Trichlorobenzene	15.573	180	74083	17.606	ug/l		98

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

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