Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
Data File : VD068129.D
Acq On : 21 Jan 2021 13:37
Operator : VA/SY
Sample : VD0121SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 22 00:08:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0121SBSD01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	435630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	771562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	698779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	316019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	197593	47.41	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.82%			
35) Dibromofluoromethane	7.920	113	201022	47.13	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.26%			
50) Toluene-d8	10.344	98	752160	44.08	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 88.16%			
62) 4-Bromofluorobenzene	12.632	95	274198	44.63	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	106267	20.54	ug/l	93
3) Chloromethane	2.209	50	124785	22.39	ug/l	99
4) Vinyl Chloride	2.350	62	136087	21.95	ug/l	99
5) Bromomethane	2.762	94	94932	22.33	ug/l	94
6) Chloroethane	2.920	64	84365	22.28	ug/l	97
7) Trichlorofluoromethane	3.279	101	164246	20.19	ug/l	96
8) Diethyl Ether	3.714	74	51013	21.30	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	95897	20.21	ug/l	93
10) Methyl Iodide	4.309	142	96130	20.08	ug/l	94
11) Tert butyl alcohol	5.214	59	54945	110.60	ug/l	96
12) 1,1-Dichloroethene	4.073	96	96952	20.31	ug/l	93
13) Acrolein	3.920	56	34384	104.70	ug/l	99
14) Allyl chloride	4.720	41	141260	20.35	ug/l	96
15) Acrylonitrile	5.420	53	104842	110.48	ug/l	97
16) Acetone	4.162	43	74293	99.84	ug/l	90
17) Carbon Disulfide	4.409	76	312395	20.32	ug/l	99
18) Methyl Acetate	4.720	43	40862	21.16	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	230343	20.88	ug/l	94
20) Methylene Chloride	4.973	84	119968	20.75	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	111392	20.33	ug/l	97
22) Diisopropyl ether	6.367	45	296957	21.20	ug/l	93
23) Vinyl Acetate	6.308	43	789736	105.76	ug/l	97
24) 1,1-Dichloroethane	6.267	63	190924	21.03	ug/l	100
25) 2-Butanone	7.214	43	113897	101.66	ug/l	95
26) 2,2-Dichloropropane	7.214	77	168373	19.61	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	125679	21.13	ug/l	91
28) Bromochloromethane	7.550	49	67134	21.71	ug/l #	77
29) Tetrahydrofuran	7.561	42	78444	108.01	ug/l	91
30) Chloroform	7.714	83	192719	21.01	ug/l	99
31) Cyclohexane	7.985	56	178213	19.75	ug/l	96
32) 1,1,1-Trichloroethane	7.908	97	166173	20.10	ug/l	95
36) 1,1-Dichloropropene	8.114	75	151164	19.43	ug/l	96
37) Ethyl Acetate	7.297	43	58200	21.15	ug/l	97
38) Carbon Tetrachloride	8.102	117	142253	19.53	ug/l	99
39) Methylcyclohexane	9.355	83	192513	18.93	ug/l	98
40) Benzene	8.355	78	436905	20.08	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	36317	21.86	ug/l		93
42) 1,2-Dichloroethane	8.426	62	123332	21.22	ug/l		97
43) Isopropyl Acetate	8.455	43	118175	20.60	ug/l		95
44) Trichloroethene	9.114	130	118401	19.82	ug/l		97
45) 1,2-Dichloropropane	9.391	63	107516	20.18	ug/l		95
46) Dibromomethane	9.479	93	55986	20.74	ug/l		94
47) Bromodichloromethane	9.661	83	151426	20.79	ug/l		97
48) Methyl methacrylate	9.455	41	59189	20.73	ug/l		94
49) 1,4-Dioxane	9.461	88	13391	423.31	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.232	43	277254	103.99	ug/l		95
52) Toluene	10.402	92	282012	19.90	ug/l		96
53) t-1,3-Dichloropropene	10.620	75	146925	19.93	ug/l		96
54) cis-1,3-Dichloropropene	10.091	75	176663	20.13	ug/l		96
55) 1,1,2-Trichloroethane	10.802	97	78769	20.59	ug/l	#	87
56) Ethyl methacrylate	10.661	69	101041	19.83	ug/l	#	91
57) 1,3-Dichloropropane	10.949	76	138661	20.54	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	246856	104.97	ug/l		93
59) 2-Hexanone	10.985	43	186412	100.86	ug/l		95
60) Dibromochloromethane	11.143	129	97477	20.32	ug/l		99
61) 1,2-Dibromoethane	11.249	107	76928	20.38	ug/l		98
64) Tetrachloroethene	10.879	164	94970	19.28	ug/l		96
65) Chlorobenzene	11.673	112	293126	19.74	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.743	131	104077	19.93	ug/l		96
67) Ethyl Benzene	11.749	91	544591	19.81	ug/l		99
68) m/p-Xylenes	11.855	106	406531	39.17	ug/l		98
69) o-Xylene	12.179	106	189555	19.67	ug/l		99
70) Styrene	12.196	104	326557	19.85	ug/l		98
71) Bromoform	12.361	173	52888	19.98	ug/l	#	98
73) Isopropylbenzene	12.479	105	513727	19.54	ug/l		100
74) N-amyl acetate	12.290	43	112040	20.50	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.732	83	85254	20.38	ug/l		99
76) 1,2,3-Trichloropropane	12.785	75	54344m	17.79	ug/l		
77) Bromobenzene	12.761	156	112480	19.95	ug/l		85
78) n-propylbenzene	12.820	91	611420	19.65	ug/l		97
79) 2-Chlorotoluene	12.908	91	346727	19.85	ug/l		95
80) 1,3,5-Trimethylbenzene	12.961	105	427060	19.50	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	28515	18.88	ug/l		97
82) 4-Chlorotoluene	13.008	91	357558	19.69	ug/l		96
83) tert-Butylbenzene	13.226	119	358829	19.34	ug/l		97
84) 1,2,4-Trimethylbenzene	13.267	105	421951	19.41	ug/l		99
85) sec-Butylbenzene	13.402	105	499260	19.23	ug/l		98
86) p-Isopropyltoluene	13.514	119	456320	19.33	ug/l		100
87) 1,3-Dichlorobenzene	13.514	146	212813	19.63	ug/l		98
88) 1,4-Dichlorobenzene	13.596	146	215023	20.13	ug/l		97
89) n-Butylbenzene	13.843	91	434243	19.17	ug/l		98
90) Hexachloroethane	14.114	117	81754	19.17	ug/l		92
91) 1,2-Dichlorobenzene	13.890	146	186539	20.09	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	13610	19.88	ug/l		83
93) 1,2,4-Trichlorobenzene	15.161	180	125154	19.66	ug/l		98
94) Hexachlorobutadiene	15.267	225	66679	18.90	ug/l		99
95) Naphthalene	15.402	128	236853	19.85	ug/l		100
96) 1,2,3-Trichlorobenzene	15.596	180	106865	19.90	ug/l		99

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

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