Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
Data File : VD068539.D
Acq On : 05 Mar 2021 12:00
Operator : VA/SY
Sample : VD0305SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0305SBSD01

Manual Integrations APPROVED
MMDadoda
3/8/2021 10:11:21 AM

Quant Time: Mar 05 23:10:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	266665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	446208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	407397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	197509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	129078	48.45	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.90%			
35) Dibromofluoromethane	7.920	113	136013	50.60	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.20%			
50) Toluene-d8	10.344	98	534745	49.95	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.90%			
62) 4-Bromofluorobenzene	12.632	95	172717	50.06	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	54286	20.98	ug/l	97
3) Chloromethane	2.209	50	64191	19.63	ug/l	95
4) Vinyl Chloride	2.350	62	78533	20.22	ug/l	98
5) Bromomethane	2.756	94	58981	21.33	ug/l	98
6) Chloroethane	2.914	64	49647	19.77	ug/l	99
7) Trichlorofluoromethane	3.273	101	93803	21.17	ug/l	99
8) Diethyl Ether	3.709	74	27081	20.53	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	62080	23.00	ug/l	94
10) Methyl Iodide	4.303	142	56666	19.26	ug/l	94
11) Tert butyl alcohol	5.226	59	13960	98.13	ug/l	98
12) 1,1-Dichloroethene	4.067	96	54325	20.28	ug/l	98
13) Acrolein	3.932	56	17874	87.91	ug/l	92
14) Allyl chloride	4.714	41	69034	19.97	ug/l	95
15) Acrylonitrile	5.426	53	58247	104.63	ug/l	97
16) Acetone	4.162	43	44614	105.42	ug/l	91
17) Carbon Disulfide	4.409	76	186778	21.29	ug/l	99
18) Methyl Acetate	4.720	43	22381	20.52	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	112276	19.34	ug/l #	91
20) Methylene Chloride	4.961	84	80682	23.27	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	65687	20.54	ug/l	94
22) Diisopropyl ether	6.367	45	139969	18.38	ug/l	95
23) Vinyl Acetate	6.308	43	350850	88.81	ug/l	99
24) 1,1-Dichloroethane	6.273	63	100325	19.22	ug/l	97
25) 2-Butanone	7.214	43	55120	90.61	ug/l	98
26) 2,2-Dichloropropane	7.214	77	87553	20.14	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	67688	19.28	ug/l	98
28) Bromochloromethane	7.550	49	39602	19.44	ug/l	80
29) Tetrahydrofuran	7.573	42	33514	84.84	ug/l	97
30) Chloroform	7.714	83	110191	19.99	ug/l	94
31) Cyclohexane	7.985	56	91180	18.82	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	93138	19.80	ug/l	94
36) 1,1-Dichloropropene	8.114	75	83682	19.73	ug/l	98
37) Ethyl Acetate	7.291	43	26669	18.95	ug/l #	94
38) Carbon Tetrachloride	8.097	117	84332	21.16	ug/l	95
39) Methylcyclohexane	9.355	83	103891	19.86	ug/l	95
40) Benzene	8.355	78	243535	20.02	ug/l	96

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41) Methacrylonitrile	7.526	41	13646	16.71	ug/l		90
42) 1,2-Dichloroethane	8.426	62	62088	19.41	ug/l		99
43) Isopropyl Acetate	8.455	43	48985	18.94	ug/l		98
44) Trichloroethene	9.114	130	67353	20.17	ug/l		99
45) 1,2-Dichloropropane	9.391	63	60125	20.67	ug/l		92
46) Dibromomethane	9.479	93	31573	19.95	ug/l		96
47) Bromodichloromethane	9.661	83	84075	20.54	ug/l		94
48) Methyl methacrylate	9.455	41	22603	16.40	ug/l	#	80
49) 1,4-Dioxane	9.461	88	6989	387.31	ug/l		97
51) 4-Methyl-2-Pentanone	10.226	43	126169	93.22	ug/l		98
52) Toluene	10.408	92	156626	20.16	ug/l		93
53) t-1,3-Dichloropropene	10.620	75	76655	20.26	ug/l		100
54) cis-1,3-Dichloropropene	10.091	75	90786	19.67	ug/l		99
55) 1,1,2-Trichloroethane	10.802	97	44478	20.31	ug/l		93
56) Ethyl methacrylate	10.661	69	46887	18.63	ug/l		96
57) 1,3-Dichloropropane	10.949	76	74541	19.50	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	117357	92.94	ug/l		96
59) 2-Hexanone	10.985	43	87582	97.08	ug/l		100
60) Dibromochloromethane	11.143	129	55351	20.42	ug/l		98
61) 1,2-Dibromoethane	11.243	107	42823	19.98	ug/l		99
64) Tetrachloroethene	10.879	164	56271	21.15	ug/l		97
65) Chlorobenzene	11.673	112	168318	20.29	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.743	131	60485	20.97	ug/l		98
67) Ethyl Benzene	11.743	91	297296	20.07	ug/l		98
68) m/p-Xylenes	11.855	106	225013	40.01	ug/l		99
69) o-Xylene	12.179	106	100851	19.47	ug/l		98
70) Styrene	12.196	104	176829	19.96	ug/l		98
71) Bromoform	12.361	173	30034	20.50	ug/l	#	100
73) Isopropylbenzene	12.479	105	282460	19.28	ug/l		99
74) N-amyl acetate	12.285	43	45755	18.33	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.732	83	50050	19.86	ug/l		93
76) 1,2,3-Trichloropropane	12.785	75	35434m	20.21	ug/l		
77) Bromobenzene	12.761	156	67687	20.25	ug/l		97
78) n-propylbenzene	12.820	91	341232	19.49	ug/l		99
79) 2-Chlorotoluene	12.908	91	186109	19.16	ug/l		98
80) 1,3,5-Trimethylbenzene	12.961	105	238948	19.90	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	13608	18.11	ug/l		93
82) 4-Chlorotoluene	13.008	91	195762	19.15	ug/l		98
83) tert-Butylbenzene	13.220	119	201175	19.68	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	231904	19.29	ug/l		95
85) sec-Butylbenzene	13.402	105	283243	19.62	ug/l		98
86) p-Isopropyltoluene	13.514	119	259392	19.79	ug/l		98
87) 1,3-Dichlorobenzene	13.514	146	127534	19.75	ug/l		98
88) 1,4-Dichlorobenzene	13.596	146	128855	20.14	ug/l		99
89) n-Butylbenzene	13.843	91	246366	19.49	ug/l		97
90) Hexachloroethane	14.108	117	56516	21.69	ug/l		93
91) 1,2-Dichlorobenzene	13.885	146	111368	20.11	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.508	75	8573	19.30	ug/l		85
93) 1,2,4-Trichlorobenzene	15.161	180	85027	19.88	ug/l		99
94) Hexachlorobutadiene	15.267	225	48867	20.58	ug/l		99
95) Naphthalene	15.402	128	144595	18.67	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	72319	19.53	ug/l		98

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

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