Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
Data File : VD068106.D
Acq On : 20 Jan 2021 12:09
Operator : VA/SY
Sample : VD0120SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 20 14:32:28 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 :
VD0120SBS01

Manual Integrations APPROVED
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1/21/2021 10:39:31 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.985	168	479229	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	823218	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.649	117	744511	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	335409	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	216877	47.31	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.62%				
35) Dibromofluoromethane	7.914	113	217700	47.83	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.66%				
50) Toluene-d8	10.344	98	813817	44.70	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.40%				
62) 4-Bromofluorobenzene	12.632	95	299318	45.66	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.32%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	117529	20.65	ug/l		93
3) Chloromethane	2.209	50	133098	21.71	ug/l		94
4) Vinyl Chloride	2.350	62	145388	21.32	ug/l		99
5) Bromomethane	2.762	94	99218	21.22	ug/l		100
6) Chloroethane	2.921	64	90247	21.67	ug/l		99
7) Trichlorofluoromethane	3.273	101	180390	20.15	ug/l		96
8) Diethyl Ether	3.709	74	56383	21.40	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.097	101	103912	19.91	ug/l		96
10) Methyl Iodide	4.303	142	98206	18.87	ug/l		92
11) Tert butyl alcohol	5.203	59	71376	146.48	ug/l	#	74
12) 1,1-Dichloroethene	4.073	96	106497	20.28	ug/l		91
13) Acrolein	3.920	56	40762	112.83	ug/l		99
14) Allyl chloride	4.715	41	156668	20.51	ug/l		96
15) Acrylonitrile	5.426	53	115776	110.91	ug/l		99
16) Acetone	4.162	43	89957	109.90	ug/l		95
17) Carbon Disulfide	4.415	76	338478	20.02	ug/l		96
18) Methyl Acetate	4.715	43	49202	23.16	ug/l		89
19) Methyl tert-butyl Ether	5.473	73	263086	21.67	ug/l		97
20) Methylene Chloride	4.973	84	127135	19.83	ug/l		89
21) trans-1,2-Dichloroethene	5.473	96	122822	20.38	ug/l		96
22) Diisopropyl ether	6.367	45	319208	20.71	ug/l		92
23) Vinyl Acetate	6.309	43	885508	107.80	ug/l		97
24) 1,1-Dichloroethane	6.261	63	204346	20.46	ug/l		97
25) 2-Butanone	7.214	43	133189	108.06	ug/l		97
26) 2,2-Dichloropropane	7.209	77	186078	19.70	ug/l		100
27) cis-1,2-Dichloroethene	7.214	96	132416	20.23	ug/l		91
28) Bromochloromethane	7.550	49	72534	21.32	ug/l	#	79
29) Tetrahydrofuran	7.561	42	90204	112.90	ug/l		93
30) Chloroform	7.714	83	207115	20.53	ug/l		97
31) Cyclohexane	7.985	56	194394	19.58	ug/l		97
32) 1,1,1-Trichloroethane	7.903	97	182632	20.08	ug/l		96
36) 1,1-Dichloropropene	8.114	75	167388	20.16	ug/l		96
37) Ethyl Acetate	7.291	43	66720	22.72	ug/l		98
38) Carbon Tetrachloride	8.103	117	155018	19.95	ug/l		99
39) Methylcyclohexane	9.355	83	214888	19.80	ug/l		97
40) Benzene	8.350	78	471926	20.33	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	31769	17.93	ug/l	#	84
42) 1,2-Dichloroethane	8.426	62	131267	21.17	ug/l		100
43) Isopropyl Acetate	8.456	43	131503	21.49	ug/l		95
44) Trichloroethene	9.114	130	129192	20.27	ug/l		100
45) 1,2-Dichloropropane	9.391	63	114918	20.22	ug/l		95
46) Dibromomethane	9.479	93	61732	21.43	ug/l		94
47) Bromodichloromethane	9.667	83	161760	20.81	ug/l	#	97
48) Methyl methacrylate	9.455	41	66705	21.90	ug/l		94
49) 1,4-Dioxane	9.467	88	13635	403.98	ug/l	#	81
51) 4-Methyl-2-Pentanone	10.232	43	316007	111.09	ug/l		97
52) Toluene	10.408	92	300624	19.88	ug/l		94
53) t-1,3-Dichloropropene	10.626	75	164228	20.88	ug/l		96
54) cis-1,3-Dichloropropene	10.091	75	190747	20.37	ug/l		92
55) 1,1,2-Trichloroethane	10.802	97	88037	21.57	ug/l		96
56) Ethyl methacrylate	10.661	69	115021	21.15	ug/l	#	90
57) 1,3-Dichloropropane	10.949	76	153586	21.32	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	296641	118.23	ug/l		92
59) 2-Hexanone	10.985	43	217261	110.18	ug/l		96
60) Dibromochloromethane	11.144	129	108600	21.22	ug/l		98
61) 1,2-Dibromoethane	11.249	107	86055	21.37	ug/l		100
64) Tetrachloroethene	10.879	164	103813	19.78	ug/l		96
65) Chlorobenzene	11.673	112	316959	20.04	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.744	131	109813	19.73	ug/l		96
67) Ethyl Benzene	11.744	91	583635	19.93	ug/l		96
68) m/p-Xylenes	11.855	106	435458	39.38	ug/l		97
69) o-Xylene	12.185	106	204464	19.91	ug/l		97
70) Styrene	12.196	104	354150	20.20	ug/l		99
71) Bromoform	12.361	173	60107	21.31	ug/l	#	99
73) Isopropylbenzene	12.479	105	548887	19.67	ug/l		100
74) N-amyl acetate	12.291	43	125494	21.63	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.732	83	96305	21.69	ug/l		98
76) 1,2,3-Trichloropropane	12.785	75	76610m	23.62	ug/l		
77) Bromobenzene	12.761	156	122737	20.51	ug/l		87
78) n-propylbenzene	12.820	91	661180	20.02	ug/l		97
79) 2-Chlorotoluene	12.908	91	371266	20.03	ug/l		95
80) 1,3,5-Trimethylbenzene	12.961	105	458286	19.72	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.532	75	33292	20.77	ug/l		97
82) 4-Chlorotoluene	13.008	91	387152	20.08	ug/l		96
83) tert-Butylbenzene	13.226	119	386064	19.60	ug/l		95
84) 1,2,4-Trimethylbenzene	13.267	105	453347	19.65	ug/l		98
85) sec-Butylbenzene	13.402	105	538480	19.54	ug/l		99
86) p-Isopropyltoluene	13.514	119	494678	19.74	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	232670	20.22	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	230881	20.37	ug/l		98
89) n-Butylbenzene	13.843	91	469342	19.52	ug/l		98
90) Hexachloroethane	14.114	117	89256	19.72	ug/l		90
91) 1,2-Dichlorobenzene	13.891	146	203241	20.63	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	15888	21.87	ug/l		84
93) 1,2,4-Trichlorobenzene	15.161	180	133712	19.79	ug/l		97
94) Hexachlorobutadiene	15.267	225	69378	18.53	ug/l		97
95) Naphthalene	15.402	128	266804	21.06	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	116235	20.40	ug/l		98

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

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