Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
Data File : VD068505.D
Acq On : 03 Mar 2021 11:28
Operator : VA/SY
Sample : VD0303SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations APPROVED
MMDadoda
3/4/2021 2:04:17 PM

Quant Time: Mar 04 00:01:10 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	307231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	522282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	482218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	233397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	147369	48.01	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.02%			
35) Dibromofluoromethane	7.914	113	158742	50.45	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.90%			
50) Toluene-d8	10.338	98	616475	49.19	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.38%			
62) 4-Bromofluorobenzene	12.632	95	205088	50.78	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	58128	19.50	ug/l	99
3) Chloromethane	2.209	50	72708	19.30	ug/l	97
4) Vinyl Chloride	2.350	62	88120	19.70	ug/l	97
5) Bromomethane	2.756	94	64758	20.33	ug/l	87
6) Chloroethane	2.914	64	57658	19.93	ug/l	98
7) Trichlorofluoromethane	3.273	101	106220	20.81	ug/l	98
8) Diethyl Ether	3.714	74	29876	19.66	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	64759	20.83	ug/l	97
10) Methyl Iodide	4.297	142	59771	17.85	ug/l	93
11) Tert butyl alcohol	5.220	59	17500	106.78	ug/l	99
12) 1,1-Dichloroethene	4.067	96	61440	19.91	ug/l	98
13) Acrolein	3.926	56	21618	92.29	ug/l	95
14) Allyl chloride	4.720	41	85070	21.35	ug/l	98
15) Acrylonitrile	5.420	53	70342	109.68	ug/l	99
16) Acetone	4.156	43	50548	103.67	ug/l	98
17) Carbon Disulfide	4.409	76	215246	21.29	ug/l	99
18) Methyl Acetate	4.714	43	27819	22.14	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	143297	21.42	ug/l	94
20) Methylene Chloride	4.961	84	94643	23.77	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	79026	21.45	ug/l	99
22) Diisopropyl ether	6.367	45	168340	19.19	ug/l	97
23) Vinyl Acetate	6.308	43	429935	94.46	ug/l	99
24) 1,1-Dichloroethane	6.261	63	120827	20.09	ug/l	99
25) 2-Butanone	7.208	43	67911	96.89	ug/l	96
26) 2,2-Dichloropropane	7.208	77	100170	20.00	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	80669	19.95	ug/l	99
28) Bromochloromethane	7.550	49	43323	18.46	ug/l	87
29) Tetrahydrofuran	7.561	42	43087	94.67	ug/l	98
30) Chloroform	7.714	83	127878	20.14	ug/l	99
31) Cyclohexane	7.985	56	105957	18.98	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	110760	20.43	ug/l	94
36) 1,1-Dichloropropene	8.114	75	98198	19.78	ug/l	98
37) Ethyl Acetate	7.285	43	33267	20.20	ug/l	96
38) Carbon Tetrachloride	8.102	117	96761	20.74	ug/l	100
39) Methylcyclohexane	9.355	83	121069	19.77	ug/l	92
40) Benzene	8.350	78	282712	19.85	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.532	41	18181	19.02	ug/l	#	88
42) 1,2-Dichloroethane	8.426	62	75260	20.10	ug/l		98
43) Isopropyl Acetate	8.450	43	59951	19.80	ug/l		99
44) Trichloroethene	9.114	130	78326	20.04	ug/l		86
45) 1,2-Dichloropropane	9.385	63	69706	20.47	ug/l		91
46) Dibromomethane	9.473	93	38234	20.64	ug/l		94
47) Bromodichloromethane	9.661	83	99836	20.84	ug/l		94
48) Methyl methacrylate	9.455	41	33012	20.46	ug/l		98
49) 1,4-Dioxane	9.461	88	8263	391.22	ug/l		90
51) 4-Methyl-2-Pentanone	10.226	43	155401	98.10	ug/l		99
52) Toluene	10.402	92	186297	20.49	ug/l		95
53) t-1,3-Dichloropropene	10.620	75	91821	20.74	ug/l		96
54) cis-1,3-Dichloropropene	10.091	75	108550	20.09	ug/l		100
55) 1,1,2-Trichloroethane	10.802	97	54228	21.16	ug/l		94
56) Ethyl methacrylate	10.661	69	58084	19.72	ug/l		98
57) 1,3-Dichloropropane	10.949	76	89502	20.01	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	141322	95.62	ug/l		94
59) 2-Hexanone	10.985	43	103467	97.99	ug/l		100
60) Dibromochloromethane	11.138	129	65532	20.65	ug/l		97
61) 1,2-Dibromoethane	11.249	107	51331	20.47	ug/l		100
64) Tetrachloroethene	10.879	164	66477	21.11	ug/l		97
65) Chlorobenzene	11.667	112	201491	20.52	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.743	131	67664	19.82	ug/l		94
67) Ethyl Benzene	11.743	91	348856	19.90	ug/l		97
68) m/p-Xylenes	11.849	106	269405	40.47	ug/l		98
69) o-Xylene	12.179	106	122799	20.03	ug/l		96
70) Styrene	12.196	104	214168	20.43	ug/l		98
71) Bromoform	12.361	173	37050	21.36	ug/l	#	100
73) Isopropylbenzene	12.479	105	333102	19.24	ug/l		99
74) N-amyl acetate	12.290	43	56523	19.17	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.732	83	60733	20.39	ug/l		96
76) 1,2,3-Trichloropropane	12.785	75	32412m	15.64	ug/l		
77) Bromobenzene	12.761	156	78244	19.81	ug/l		95
78) n-propylbenzene	12.820	91	401768	19.42	ug/l		99
79) 2-Chlorotoluene	12.908	91	223487	19.47	ug/l		99
80) 1,3,5-Trimethylbenzene	12.961	105	277698	19.57	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	18043	20.32	ug/l		95
82) 4-Chlorotoluene	13.002	91	234713	19.43	ug/l		100
83) tert-Butylbenzene	13.226	119	237444	19.66	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	278042	19.57	ug/l		97
85) sec-Butylbenzene	13.402	105	338372	19.83	ug/l		98
86) p-Isopropyltoluene	13.514	119	302873	19.55	ug/l		97
87) 1,3-Dichlorobenzene	13.514	146	151155	19.81	ug/l		99
88) 1,4-Dichlorobenzene	13.590	146	156312	20.68	ug/l		99
89) n-Butylbenzene	13.843	91	291724	19.52	ug/l		97
90) Hexachloroethane	14.108	117	63992	20.79	ug/l		91
91) 1,2-Dichlorobenzene	13.885	146	139454	21.31	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9961	18.98	ug/l		94
93) 1,2,4-Trichlorobenzene	15.161	180	103158	20.41	ug/l		99
94) Hexachlorobutadiene	15.261	225	57463	20.48	ug/l		97
95) Naphthalene	15.396	128	171482	18.74	ug/l		100
96) 1,2,3-Trichlorobenzene	15.590	180	89233	20.39	ug/l		96

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

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

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