Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021021\
Data File : VD068342.D
Acq On : 10 Feb 2021 13:08
Operator : VA/SY
Sample : VD0210SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBSD01

Manual Integrations APPROVED
MMDadoda
2/11/2021 1:16:56 PM

Quant Time: Feb 11 00:11:31 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.985	168	345144	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	611759	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	565861	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	256616	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.338	65	159108	48.19	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.38%				
35) Dibromofluoromethane	7.920	113	170178	50.32	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.64%				
50) Toluene-d8	10.344	98	587501	43.43	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 86.86%				
62) 4-Bromofluorobenzene	12.632	95	212223	43.56	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.12%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	83124	20.27	ug/l		98
3) Chloromethane	2.209	50	99518	22.54	ug/l		99
4) Vinyl Chloride	2.350	62	114370	23.29	ug/l		97
5) Bromomethane	2.762	94	79760	23.68	ug/l		98
6) Chloroethane	2.921	64	76822	25.61	ug/l		98
7) Trichlorofluoromethane	3.279	101	139761	21.68	ug/l		99
8) Diethyl Ether	3.709	74	41979	22.12	ug/l		99
9) 1,1,2-Trichlorotrifluo...	4.103	101	86572	23.03	ug/l		94
10) Methyl Iodide	4.303	142	80304	21.00	ug/l		96
11) Tert butyl alcohol	5.215	59	21325m	9.39	ug/l		
12) 1,1-Dichloroethene	4.079	96	82487	21.81	ug/l		95
13) Acrolein	3.926	56	25903	99.56	ug/l		93
14) Allyl chloride	4.715	41	114126	20.75	ug/l		98
15) Acrylonitrile	5.426	53	92050	122.44	ug/l		99
16) Acetone	4.156	43	67263	114.10	ug/l		90
17) Carbon Disulfide	4.415	76	235692	19.35	ug/l		100
18) Methyl Acetate	4.726	43	36927	24.13	ug/l		94
19) Methyl tert-butyl Ether	5.485	73	195171	22.32	ug/l	#	89
20) Methylene Chloride	4.973	84	110421	24.82	ug/l		94
21) trans-1,2-Dichloroethene	5.473	96	97248	22.40	ug/l		98
22) Diisopropyl ether	6.367	45	252597	22.76	ug/l	#	94
23) Vinyl Acetate	6.309	43	664305	112.29	ug/l		96
24) 1,1-Dichloroethane	6.267	63	166914	23.21	ug/l		98
25) 2-Butanone	7.214	43	96446	108.65	ug/l		91
26) 2,2-Dichloropropane	7.214	77	137907	20.27	ug/l		100
27) cis-1,2-Dichloroethene	7.214	96	110180	23.38	ug/l		95
28) Bromochloromethane	7.556	49	57631	23.52	ug/l	#	78
29) Tetrahydrofuran	7.561	42	65821	114.39	ug/l		96
30) Chloroform	7.714	83	177564	24.44	ug/l		93
31) Cyclohexane	7.985	56	148250	20.74	ug/l		91
32) 1,1,1-Trichloroethane	7.909	97	146410	22.36	ug/l		95
36) 1,1-Dichloropropene	8.114	75	133250	21.60	ug/l		95
37) Ethyl Acetate	7.297	43	49375	22.63	ug/l	#	94
38) Carbon Tetrachloride	8.103	117	124254	21.52	ug/l		97
39) Methylcyclohexane	9.361	83	165245	20.49	ug/l		98
40) Benzene	8.356	78	391323	22.69	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	31209	23.70	ug/l	#	86
42) 1,2-Dichloroethane	8.426	62	107361	23.29	ug/l		98
43) Isopropyl Acetate	8.456	43	89528	19.69	ug/l		99
44) Trichloroethene	9.114	130	103842	21.92	ug/l		97
45) 1,2-Dichloropropane	9.391	63	94630	22.40	ug/l		93
46) Dibromomethane	9.479	93	50629	23.65	ug/l		93
47) Bromodichloromethane	9.661	83	132198	22.89	ug/l		98
48) Methyl methacrylate	9.456	41	44090	19.48	ug/l		93
49) 1,4-Dioxane	9.467	88	11585	461.88	ug/l		97
51) 4-Methyl-2-Pentanone	10.232	43	233466	110.44	ug/l		97
52) Toluene	10.408	92	251264	22.36	ug/l		97
53) t-1,3-Dichloropropene	10.626	75	123318	21.10	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	153674	22.08	ug/l		99
55) 1,1,2-Trichloroethane	10.802	97	73427	24.21	ug/l		92
56) Ethyl methacrylate	10.661	69	83689	20.71	ug/l		96
57) 1,3-Dichloropropane	10.950	76	124323	23.23	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	227616	122.07	ug/l		92
59) 2-Hexanone	10.985	43	156590	106.86	ug/l		99
60) Dibromochloromethane	11.144	129	86559	22.76	ug/l		99
61) 1,2-Dibromoethane	11.250	107	68494	22.89	ug/l		99
64) Tetrachloroethene	10.879	164	83568	20.95	ug/l		93
65) Chlorobenzene	11.673	112	262467	21.83	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.744	131	89882	21.25	ug/l		97
67) Ethyl Benzene	11.744	91	479948	21.56	ug/l		96
68) m/p-Xylenes	11.855	106	356177	42.38	ug/l		98
69) o-Xylene	12.179	106	166346	21.31	ug/l		98
70) Styrene	12.197	104	284414	21.35	ug/l		98
71) Bromoform	12.361	173	47528	22.17	ug/l	#	95
73) Isopropylbenzene	12.479	105	455815	21.35	ug/l		99
74) N-amyl acetate	12.291	43	83171	18.74	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.732	83	79674	23.46	ug/l		98
76) 1,2,3-Trichloropropane	12.785	75	58671m	23.65	ug/l		
77) Bromobenzene	12.761	156	100790	22.02	ug/l		89
78) n-propylbenzene	12.820	91	541158	21.42	ug/l		97
79) 2-Chlorotoluene	12.908	91	298113	21.02	ug/l		96
80) 1,3,5-Trimethylbenzene	12.961	105	374300	21.05	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	23385	19.07	ug/l		90
82) 4-Chlorotoluene	13.002	91	319793	21.68	ug/l		96
83) tert-Butylbenzene	13.220	119	320479	21.27	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	372282	21.09	ug/l		98
85) sec-Butylbenzene	13.402	105	452347	21.46	ug/l		96
86) p-Isopropyltoluene	13.514	119	395706	20.64	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	191940	21.81	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	193954	22.37	ug/l		99
89) n-Butylbenzene	13.844	91	387238	21.05	ug/l		98
90) Hexachloroethane	14.108	117	72354	20.89	ug/l		86
91) 1,2-Dichlorobenzene	13.891	146	167014	22.15	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	12265	22.06	ug/l		79
93) 1,2,4-Trichlorobenzene	15.161	180	111251	21.52	ug/l		97
94) Hexachlorobutadiene	15.261	225	57909	20.21	ug/l		100
95) Naphthalene	15.396	128	210426	21.71	ug/l		100
96) 1,2,3-Trichlorobenzene	15.590	180	92096	21.12	ug/l		99

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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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