Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
Data File : VD068396.D
Acq On : 19 Feb 2021 13:22
Operator : VA/SY
Sample : VD0219SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

Manual Integrations APPROVED
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2/22/2021 4:58:02 PM

Quant Time: Feb 19 23:29:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	343476	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	597255	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	546675	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	249580	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	189158	53.87	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.74%				
35) Dibromofluoromethane	7.914	113	189163	53.36	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.72%				
50) Toluene-d8	10.344	98	768611	52.31	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.62%				
62) 4-Bromofluorobenzene	12.632	95	248616	51.94	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.88%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	64129	20.37	ug/l		92
3) Chloromethane	2.209	50	78262	20.89	ug/l		100
4) Vinyl Chloride	2.350	62	92635	20.65	ug/l		98
5) Bromomethane	2.762	94	62800	19.59	ug/l		92
6) Chloroethane	2.920	64	59704	20.38	ug/l		95
7) Trichlorofluoromethane	3.273	101	112104	20.30	ug/l		100
8) Diethyl Ether	3.715	74	33031	20.37	ug/l		98
9) 1,1,2-Trichlorotrifluo...	4.097	101	70014	20.84	ug/l		92
10) Methyl Iodide	4.303	142	58590	18.57	ug/l		94
11) Tert butyl alcohol	5.209	59	31785	180.55	ug/l	#	74
12) 1,1-Dichloroethene	4.073	96	65964	20.19	ug/l		91
13) Acrolein	3.926	56	17204	85.46	ug/l		98
14) Allyl chloride	4.726	41	89517	21.08	ug/l		97
15) Acrylonitrile	5.420	53	75585	108.00	ug/l		98
16) Acetone	4.156	43	59629	110.07	ug/l		99
17) Carbon Disulfide	4.414	76	186075	19.67	ug/l		99
18) Methyl Acetate	4.720	43	29656	19.95	ug/l		92
19) Methyl tert-butyl Ether	5.479	73	156278	21.20	ug/l		92
20) Methylene Chloride	4.967	84	89541	22.09	ug/l		93
21) trans-1,2-Dichloroethene	5.473	96	76532	20.24	ug/l		93
22) Diisopropyl ether	6.361	45	203742	21.68	ug/l		96
23) Vinyl Acetate	6.309	43	518735	106.89	ug/l		97
24) 1,1-Dichloroethane	6.267	63	135523	21.07	ug/l		97
25) 2-Butanone	7.208	43	81787	107.97	ug/l		98
26) 2,2-Dichloropropane	7.208	77	116310	21.14	ug/l		98
27) cis-1,2-Dichloroethene	7.208	96	88929	20.69	ug/l		92
28) Bromochloromethane	7.550	49	60242	22.59	ug/l	#	78
29) Tetrahydrofuran	7.561	42	51984	106.10	ug/l		97
30) Chloroform	7.714	83	143173	21.40	ug/l		96
31) Cyclohexane	7.985	56	119831	21.88	ug/l		94
32) 1,1,1-Trichloroethane	7.908	97	121886	21.09	ug/l		94
36) 1,1-Dichloropropene	8.114	75	108013	20.44	ug/l		96
37) Ethyl Acetate	7.291	43	39324	22.02	ug/l		96
38) Carbon Tetrachloride	8.097	117	104650	20.76	ug/l		94
39) Methylcyclohexane	9.355	83	129943	20.05	ug/l		96
40) Benzene	8.350	78	318215	21.11	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	21176	20.60	ug/l		93
42) 1,2-Dichloroethane	8.426	62	86353	21.48	ug/l		99
43) Isopropyl Acetate	8.450	43	72224	21.12	ug/l		97
44) Trichloroethene	9.114	130	85186	20.77	ug/l		92
45) 1,2-Dichloropropane	9.391	63	79853	21.71	ug/l		99
46) Dibromomethane	9.473	93	40911	20.51	ug/l		91
47) Bromodichloromethane	9.667	83	109656	21.20	ug/l		92
48) Methyl methacrylate	9.455	41	38057	22.30	ug/l		99
49) 1,4-Dioxane	9.461	88	9356	401.41	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.232	43	185904	105.87	ug/l		99
52) Toluene	10.402	92	202913	20.94	ug/l		96
53) t-1,3-Dichloropropene	10.620	75	100341	20.96	ug/l		97
54) cis-1,3-Dichloropropene	10.091	75	124532	21.29	ug/l		97
55) 1,1,2-Trichloroethane	10.802	97	60520	21.96	ug/l		97
56) Ethyl methacrylate	10.661	69	66922	20.46	ug/l		95
57) 1,3-Dichloropropane	10.949	76	100510	20.78	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	177188	101.19	ug/l		90
59) 2-Hexanone	10.985	43	127152	107.12	ug/l		99
60) Dibromochloromethane	11.144	129	72997	21.35	ug/l		99
61) 1,2-Dibromoethane	11.249	107	55842	20.97	ug/l		97
64) Tetrachloroethene	10.879	164	66544	19.78	ug/l		95
65) Chlorobenzene	11.673	112	214871	20.44	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.743	131	76720	20.92	ug/l		96
67) Ethyl Benzene	11.743	91	390780	20.74	ug/l		97
68) m/p-Xylenes	11.855	106	288880	40.56	ug/l		96
69) o-Xylene	12.179	106	136728	20.92	ug/l		95
70) Styrene	12.196	104	233528	20.55	ug/l		99
71) Bromoform	12.361	173	38253	20.30	ug/l	#	98
73) Isopropylbenzene	12.479	105	368534	20.22	ug/l		99
74) N-amyl acetate	12.291	43	64681	20.09	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.732	83	64980	20.57	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	44279m	18.64	ug/l		
77) Bromobenzene	12.761	156	83150	20.42	ug/l		90
78) n-propylbenzene	12.820	91	450662	20.65	ug/l		96
79) 2-Chlorotoluene	12.908	91	247527	20.48	ug/l		97
80) 1,3,5-Trimethylbenzene	12.961	105	306072	20.55	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	20303	21.43	ug/l		94
82) 4-Chlorotoluene	13.008	91	260648	20.40	ug/l		97
83) tert-Butylbenzene	13.220	119	261671	20.25	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	308053	20.76	ug/l		99
85) sec-Butylbenzene	13.402	105	373404	20.66	ug/l		97
86) p-Isopropyltoluene	13.514	119	335872	20.70	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	163778	20.79	ug/l		99
88) 1,4-Dichlorobenzene	13.590	146	160199	20.43	ug/l		98
89) n-Butylbenzene	13.843	91	329126	20.79	ug/l		96
90) Hexachloroethane	14.108	117	59500	20.20	ug/l		89
91) 1,2-Dichlorobenzene	13.890	146	137727	20.16	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8171	17.69	ug/l		94
93) 1,2,4-Trichlorobenzene	15.161	180	90376	20.20	ug/l		97
94) Hexachlorobutadiene	15.267	225	50747	20.62	ug/l		95
95) Naphthalene	15.396	128	165248	19.86	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	78367	20.08	ug/l		97

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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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