Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV013021\
Data File : VV020219.D
Acq On : 29 Jan 2021 10:59
Operator : SY/MD
Sample : L5214-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 30 02:27:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 30 02:26:26 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02

Manual Integrations APPROVED
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2/1/2021 1:54:40 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	452492	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	440736	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	230885	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.303	65	126079	3.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.60%			
7) Chloroethane-d5	1.563	69	110548	4.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.00%			
11) 1,1-Dichloroethene-d2	2.103	63	155794	3.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.60%			
20) 2-Butanone-d5	3.929	46	260783	39.70	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.40%			
24) Chloroform-d	4.354	84	250590	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.80%			
26) 1,2-Dichloroethane-d4	5.039	65	127655	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
32) Benzene-d6	5.052	84	478521	4.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.60%			
36) 1,2-Dichloropropane-d6	6.074	67	147471	4.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.20%			
41) Toluene-d8	7.318	98	428737	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.00%			
43) trans-1,3-Dichloroprop...	7.627	79	49940	3.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.40%			
46) 2-Hexanone-d5	8.097	63	197980	37.00	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 74.00%			
56) 1,1,2,2-Tetrachloroeth...	10.222	84	97952	4.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.80%			
66) 1,2-Dichlorobenzene-d4	11.630	152	170255	4.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	11242	0.25	ug/L	98
3) Chloromethane	1.238	50	11317	0.26	ug/L	99
5) Vinyl chloride	1.306	62	10602	0.25	ug/L #	82
6) Bromomethane	1.518	94	5939	0.25	ug/L	96
8) Chloroethane	1.582	64	6326	0.26	ug/L	99
9) Trichlorofluoromethane	1.750	101	11943	0.24	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.113	101	8762	0.34	ug/L #	93
12) 1,1-Dichloroethene	2.113	96	8138	0.32	ug/L #	1
13) Acetone	2.248	43	10756m	2.90	ug/L	
14) Carbon disulfide	2.290	76	24948	0.26	ug/L	97
15) Methyl Acetate	2.450	43	2470m	0.23	ug/L	
16) Methylene chloride	2.505	84	10364	0.31	ug/L	90
17) Methyl tert-butyl Ether	2.775	73	15323	0.22	ug/L	96
18) trans-1,2-Dichloroethene	2.759	96	7634	0.23	ug/L	94
19) 1,1-Dichloroethane	3.193	63	13204	0.22	ug/L	97
21) 2-Butanone	4.023	43	15992m	2.25	ug/L	
22) cis-1,2-Dichloroethene	3.917	96	7638	0.22	ug/L	89
23) Bromochloromethane	4.257	128	3608	0.24	ug/L	75
25) Chloroform	4.380	83	17184	0.28	ug/L	98

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.151	62	6998	0.19	ug/L	#	95
29) 1,1,1-Trichloroethane	4.614	97	12405	0.23	ug/L		97
30) Cyclohexane	4.679	56	11888	0.23	ug/L		91
31) Carbon tetrachloride	4.833	117	10945	0.23	ug/L		96
33) Benzene	5.109	78	30768	0.24	ug/L		100
34) Trichloroethene	5.920	95	8522	0.24	ug/L		93
35) Methylcyclohexane	6.132	83	12238	0.23	ug/L		98
37) 1,2-Dichloropropane	6.180	63	7891	0.25	ug/L	#	93
38) Bromodichloromethane	6.518	83	8739	0.21	ug/L	#	91
39) cis-1,3-Dichloropropene	7.035	75	8894	0.20	ug/L		95
40) 4-Methyl-2-pentanone	7.241	43	30999	1.77	ug/L	#	87
42) Toluene	7.396	91	31887	0.23	ug/L		97
44) trans-1,3-Dichloropropene	7.659	75	9957	0.27	ug/L	#	82
45) 1,1,2-Trichloroethane	7.849	97	4993	0.23	ug/L		94
47) Tetrachloroethene	7.981	164	7557	0.25	ug/L		93
48) 2-Hexanone	8.154	43	27640	2.27	ug/L		95
49) Dibromochloromethane	8.251	129	5676	0.22	ug/L		95
50) 1,2-Dibromoethane	8.363	107	4664	0.22	ug/L	#	85
51) Chlorobenzene	8.887	112	21106	0.23	ug/L		92
52) Ethylbenzene	9.019	91	34076	0.22	ug/L		97
53) m,p-xylene	9.145	106	12006	0.21	ug/L		89
54) o-xylene	9.553	106	11135	0.20	ug/L		94
55) Styrene	9.572	104	17356	0.18	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.248	83	6518	0.28	ug/L	#	94
59) Bromoform	9.743	173	3310	0.25	ug/L	#	94
60) Isopropylbenzene	9.939	105	31429	0.23	ug/L		100
61) 1,2,3-Trichloropropane	10.280	75	4023	0.25	ug/L	#	94
62) 1,3,5-Trimethylbenzene	10.543	105	24813	0.22	ug/L		96
63) 1,2,4-Trimethylbenzene	10.923	105	23387	0.20	ug/L		96
64) 1,3-Dichlorobenzene	11.193	146	16983	0.24	ug/L		94
65) 1,4-Dichlorobenzene	11.280	146	18531	0.25	ug/L		91
67) 1,2-Dichlorobenzene	11.649	146	16010	0.25	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.447	75	797	0.21	ug/L		90
69) 1,3,5-Trichlorobenzene	12.656	180	14012	0.23	ug/L		95
70) 1,2,4-trichlorobenzene	13.273	180	10680	0.21	ug/L		91
71) Naphthalene	13.514	128	12186	0.18	ug/L	#	94
72) 1,2,3-Trichlorobenzene	13.755	180	9483	0.21	ug/L		95

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

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