Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022521\
Data File : VV020392.D
Acq On : 24 Feb 2021 12:09
Operator : SY/MD
Sample : M1344-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 25 01:54:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 25 01:53:18 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations APPROVED
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3/1/2021 9:59:04 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	284138	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	279297	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	135823	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	92082	5.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.20%			
7) Chloroethane-d5	1.568	69	75172	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.00%			
11) 1,1-Dichloroethene-d2	2.108	63	125820	3.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.60%			
20) 2-Butanone-d5	3.908	46	175050	53.03	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.06%			
24) Chloroform-d	4.355	84	169432	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	5.037	65	87008	5.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.60%			
32) Benzene-d6	5.053	84	341196	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.00%			
36) 1,2-Dichloropropane-d6	6.075	67	103372	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.20%			
41) Toluene-d8	7.320	98	311916	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
43) trans-1,3-Dichloroprop...	7.628	79	34089	4.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.20%			
46) 2-Hexanone-d5	8.095	63	118247	46.17	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.34%			
56) 1,1,2,2-Tetrachloroeth...	10.223	84	64466	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
66) 1,2-Dichlorobenzene-d4	11.631	152	126309	5.51	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	8425	0.24	ug/L	98
3) Chloromethane	1.243	50	7194	0.24	ug/L	95
5) Vinyl chloride	1.310	62	7493	0.23	ug/L	86
6) Bromomethane	1.523	94	4842	0.24	ug/L	98
8) Chloroethane	1.587	64	4427	0.23	ug/L	95
9) Trichlorofluoromethane	1.754	101	10201	0.22	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	6935	0.28	ug/L	90
12) 1,1-Dichloroethene	2.117	96	6087	0.26	ug/L #	1
13) Acetone	2.195	43	7172	2.44	ug/L	68
14) Carbon disulfide	2.297	76	16174	0.23	ug/L	97
15) Methyl Acetate	2.449	43	1288	0.18	ug/L #	75
16) Methylene chloride	2.510	84	7652	0.28	ug/L	97
17) Methyl tert-butyl Ether	2.777	73	10331	0.22	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	5489	0.23	ug/L	93
19) 1,1-Dichloroethane	3.195	63	9756	0.23	ug/L	94
21) 2-Butanone	4.018	43	9173m	2.11	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	5841	0.23	ug/L	99
23) Bromochloromethane	4.262	128	2666	0.23	ug/L	87
25) Chloroform	4.384	83	15366	0.34	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.149	62	6012	0.24	ug/L	#	91
29) 1,1,1-Trichloroethane	4.609	97	8713	0.22	ug/L		96
30) Cyclohexane	4.680	56	7251	0.20	ug/L		92
31) Carbon tetrachloride	4.831	117	7693	0.22	ug/L		97
33) Benzene	5.111	78	21646	0.22	ug/L		100
34) Trichloroethene	5.924	95	6384	0.24	ug/L		95
35) Methylcyclohexane	6.133	83	8036	0.20	ug/L		93
37) 1,2-Dichloropropane	6.185	63	5159	0.22	ug/L	#	90
38) Bromodichloromethane	6.519	83	6599	0.22	ug/L		98
39) cis-1,3-Dichloropropene	7.043	75	6037	0.19	ug/L		92
40) 4-Methyl-2-pentanone	7.239	43	20192	1.84	ug/L	#	87
42) Toluene	7.397	91	22884	0.22	ug/L		95
44) trans-1,3-Dichloropropene	7.667	75	6767	0.27	ug/L		98
45) 1,1,2-Trichloroethane	7.847	97	3917	0.24	ug/L		90
47) Tetrachloroethene	7.982	164	5391	0.23	ug/L		98
48) 2-Hexanone	8.149	43	30624	3.95	ug/L		91
49) Dibromochloromethane	8.252	129	4017	0.21	ug/L		94
50) 1,2-Dibromoethane	8.362	107	3021	0.20	ug/L	#	93
51) Chlorobenzene	8.889	112	15974	0.23	ug/L		96
52) Ethylbenzene	9.021	91	24427	0.21	ug/L		96
53) m,p-xylene	9.149	106	9820	0.22	ug/L		98
54) o-xylene	9.551	106	8135	0.19	ug/L		92
55) Styrene	9.570	104	12273	0.17	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.249	83	3542	0.21	ug/L	#	93
59) Bromoform	9.744	173	1897	0.22	ug/L	#	91
60) Isopropylbenzene	9.940	105	21853	0.21	ug/L		96
61) 1,2,3-Trichloropropane	10.284	75	2803	0.23	ug/L		95
62) 1,3,5-Trimethylbenzene	10.548	105	17160	0.20	ug/L		94
63) 1,2,4-Trimethylbenzene	10.921	105	16676	0.20	ug/L		99
64) 1,3-Dichlorobenzene	11.191	146	11893	0.23	ug/L		98
65) 1,4-Dichlorobenzene	11.281	146	12889	0.24	ug/L		96
67) 1,2-Dichlorobenzene	11.651	146	11997	0.25	ug/L	#	85
68) 1,2-Dibromo-3-chloropr...	12.439	75	319	0.15	ug/L		90
69) 1,3,5-Trichlorobenzene	12.657	180	10089	0.24	ug/L		97
70) 1,2,4-trichlorobenzene	13.275	180	7990	0.23	ug/L		93
71) Naphthalene	13.516	128	8087	0.17	ug/L		94
72) 1,2,3-Trichlorobenzene	13.754	180	6575	0.22	ug/L		96

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

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