Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081221\
Data File : VV021776.D
Acq On : 12 Aug 2021 11:18
Operator : SY/MD
Sample : M3263-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 03:58:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 13 03:38:16 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-08

Manual Integrations APPROVED
MMDadoda
8/13/2021 9:14:23 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	207318	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	191346	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	97243	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34784	4.382	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.600%			
7) Chloroethane-d5	1.564	69	44240	4.711	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.200%			
11) 1,1-Dichloroethene-d2	2.101	63	59189	3.289	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.800%			
20) 2-Butanone-d5	3.915	46	156454m	49.588	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.180%			
24) Chloroform-d	4.346	84	117047	4.670	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.400%			
26) 1,2-Dichloroethane-d4	5.030	65	56797	4.953	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.000%			
32) Benzene-d6	5.047	84	241305	5.056	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.200%			
36) 1,2-Dichloropropane-d6	6.069	67	76935	4.997	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.000%			
41) Toluene-d8	7.317	98	213785	4.867	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.400%			
43) trans-1,3-Dichloroprop...	7.625	79	21835	4.615	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.400%			
46) 2-Hexanone-d5	8.091	63	99042	42.909	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.820%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43953	4.291	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.800%			
66) 1,2-Dichlorobenzene-d4	11.625	152	84638	5.034	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	3314	0.222	ug/L	100
3) Chloromethane	1.240	50	3418	0.268	ug/L	95
5) Vinyl chloride	1.307	62	3393	0.252	ug/L	93
6) Bromomethane	1.519	94	2130	0.251	ug/L	88
8) Chloroethane	1.580	64	1995	0.236	ug/L	87
9) Trichlorofluoromethane	1.748	101	4369	0.221	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2758	0.259	ug/L	89
12) 1,1-Dichloroethene	2.111	96	2648	0.277	ug/L #	1
13) Acetone	2.214	43	5730m	2.870	ug/L	
14) Carbon disulfide	2.288	76	6850	0.245	ug/L #	94
15) Methyl Acetate	2.449	43	1410m	0.246	ug/L	
16) Methylene chloride	2.503	84	13594	0.788	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	6681	0.223	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	2734	0.222	ug/L	96
19) 1,1-Dichloroethane	3.191	63	5088	0.222	ug/L	93
21) 2-Butanone	4.011	43	7627m	2.341	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	3062	0.221	ug/L	96
23) Bromochloromethane	4.252	128	1172	0.188	ug/L	98
25) Chloroform	4.375	83	8258	0.337	ug/L	94

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Quant Time: Aug 13 03:58:31 2021
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	3011	0.230 ug/L #	89
29) 1,1,1-Trichloroethane	4.606	97	4485	0.220 ug/L	98
30) Cyclohexane	4.677	56	4259	0.232 ug/L	97
31) Carbon tetrachloride	4.825	117	3721	0.211 ug/L	98
33) Benzene	5.098	78	11276	0.230 ug/L	100
34) Trichloroethene	5.921	95	3336	0.242 ug/L	94
35) Methylcyclohexane	6.127	83	4852	0.244 ug/L	97
37) 1,2-Dichloropropane	6.182	63	3247	0.261 ug/L #	85
38) Bromodichloromethane	6.516	83	3701	0.231 ug/L #	93
39) cis-1,3-Dichloropropene	7.034	75	3800	0.211 ug/L	94
40) 4-Methyl-2-pentanone	7.236	43	15363	2.009 ug/L #	85
42) Toluene	7.394	91	15212	0.287 ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	3391	0.222 ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	2149	0.231 ug/L	87
47) Tetrachloroethene	7.979	164	2590	0.242 ug/L	84
48) 2-Hexanone	8.146	43	26178	4.968 ug/L #	90
49) Dibromochloromethane	8.252	129	2301	0.208 ug/L	92
50) 1,2-Dibromoethane	8.361	107	1920	0.221 ug/L #	88
51) Chlorobenzene	8.882	112	7482	0.212 ug/L	93
52) Ethylbenzene	9.017	91	12868	0.225 ug/L	98
53) m,p-xylene	9.146	106	4971	0.223 ug/L	97
54) o-xylene	9.548	106	4845	0.220 ug/L	97
55) Styrene	9.567	104	7199	0.197 ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.249	83	2126	0.222 ug/L #	90
59) Bromoform	9.734	173	1164	0.200 ug/L #	94
60) Isopropylbenzene	9.934	105	12438	0.217 ug/L	98
61) 1,2,3-Trichloropropane	10.281	75	1605	0.214 ug/L #	93
62) 1,3,5-Trimethylbenzene	10.541	105	9871	0.207 ug/L	96
63) 1,2,4-Trimethylbenzene	10.918	105	10470	0.216 ug/L	95
64) 1,3-Dichlorobenzene	11.188	146	6131	0.221 ug/L	94
65) 1,4-Dichlorobenzene	11.275	146	6189	0.224 ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	6036	0.233 ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.429	75	259	0.184 ug/L #	51
69) 1,3,5-Trichlorobenzene	12.651	180	4097	0.190 ug/L	92
70) 1,2,4-trichlorobenzene	13.268	180	3221	0.189 ug/L	97
71) Naphthalene	13.516	128	4113	0.162 ug/L #	94
72) 1,2,3-Trichlorobenzene	13.750	180	2985	0.199 ug/L	98

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

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