Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122920\
Data File : VV019867.D
Acq On : 29 Dec 2020 16:53
Operator : SY/MD
Sample : L4485-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-02

Manual Integrations APPROVED
MMDadoda
12/30/2020 6:35:36 PM

Quant Time: Dec 30 05:08:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 30 04:48:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	262498	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	247605	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	114950	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.30	65	92927	4.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.40%			
7) Chloroethane-d5	1.57	69	80484	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.20%			
11) 1,1-Dichloroethene-d2	2.10	63	147255	3.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.20%			
20) 2-Butanone-d5	3.94	46	196945	49.42	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.84%			
24) Chloroform-d	4.35	84	167826	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.04	65	88879	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	5.05	84	339289	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.07	67	106117	5.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.00%			
41) Toluene-d8	7.32	98	287937	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
43) trans-1,3-Dichloropropene-	7.63	79	32983	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.10	63	129595	45.30	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.60%			
56) 1,1,2,2-Tetrachloroethane-	10.22	84	59878	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%			
66) 1,2-Dichlorobenzene-d4	11.63	152	93324	5.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	6204	0.247	ug/L	97
3) Chloromethane	1.24	50	7208	0.260	ug/L	92
5) Vinyl chloride	1.31	62	6760	0.248	ug/L #	80
6) Bromomethane	1.52	94	4212	0.264	ug/L	91
8) Chloroethane	1.58	64	3782	0.227	ug/L	86
9) Trichlorofluoromethane	1.75	101	7782	0.235	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	5632	0.316	ug/L	86
12) 1,1-Dichloroethene	2.11	96	5682	0.312	ug/L #	1
13) Acetone	2.24	43	7352m	2.460	ug/L	
14) Carbon disulfide	2.29	76	15242	0.242	ug/L #	90
15) Methyl Acetate	2.45	43	2361m	0.316	ug/L	
16) Methylene chloride	2.51	84	7453	0.337	ug/L	95
17) Methyl tert-butyl Ether	2.78	73	10962	0.241	ug/L	96
18) trans-1,2-Dichloroethene	2.76	96	4892	0.238	ug/L	93
19) 1,1-Dichloroethane	3.19	63	9064	0.228	ug/L	96
21) 2-Butanone	4.02	43	12735m	2.533	ug/L	
22) cis-1,2-Dichloroethene	3.92	96	4895	0.229	ug/L	83

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Quant Time: Dec 30 05:08:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 30 04:48:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.26	128	2034	0.239 ug/L #	88
25) Chloroform	4.38	83	17599	0.445 ug/L	93
27) 1,2-Dichloroethane	5.15	62	5792	0.240 ug/L	97
29) 1,1,1-Trichloroethane	4.61	97	7666	0.227 ug/L #	84
30) Cyclohexane	4.68	56	7323	0.216 ug/L	99
31) Carbon tetrachloride	4.83	117	5797	0.210 ug/L	99
33) Benzene	5.11	78	18300	0.221 ug/L	100
34) Trichloroethene	5.93	95	5101	0.230 ug/L	94
35) Methylcyclohexane	6.14	83	7632	0.230 ug/L	94
37) 1,2-Dichloropropane	6.18	63	4756	0.229 ug/L #	94
38) Bromodichloromethane	6.52	83	5894	0.230 ug/L	88
39) cis-1,3-Dichloropropene	7.05	75	5884	0.206 ug/L	88
40) 4-Methyl-2-pentanone	7.24	43	24540	2.090 ug/L #	87
42) Toluene	7.40	91	19314	0.229 ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	6780	0.290 ug/L	89
45) 1,1,2-Trichloroethane	7.85	97	2982	0.222 ug/L	83
47) Tetrachloroethene	7.98	164	3618	0.240 ug/L	88
48) 2-Hexanone	8.15	43	31910	3.922 ug/L	95
49) Dibromochloromethane	8.25	129	3177	0.218 ug/L	90
50) 1,2-Dibromoethane	8.36	107	2883	0.236 ug/L #	94
51) Chlorobenzene	8.89	112	12504	0.235 ug/L	92
52) Ethylbenzene	9.02	91	20182	0.216 ug/L	97
53) m,p-xylene	9.15	106	7293	0.214 ug/L	98
54) o-xylene	9.55	106	6886	0.211 ug/L	94
55) Styrene	9.57	104	10488	0.190 ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.25	83	3525	0.248 ug/L	89
59) Bromoform	9.74	173	1242	0.199 ug/L #	82
60) Isopropylbenzene	9.94	105	18535	0.221 ug/L	98
61) 1,2,3-Trichloropropane	10.28	75	2481	0.223 ug/L #	88
62) 1,3,5-Trimethylbenzene	10.55	105	14726	0.213 ug/L	97
63) 1,2,4-Trimethylbenzene	10.92	105	14943	0.212 ug/L	98
64) 1,3-Dichlorobenzene	11.19	146	8241	0.224 ug/L	94
65) 1,4-Dichlorobenzene	11.28	146	9234	0.251 ug/L	98
67) 1,2-Dichlorobenzene	11.66	146	8499	0.252 ug/L #	91
68) 1,2-Dibromo-3-chloropropan	12.44	75	410	0.179 ug/L #	77
69) 1,3,5-Trichlorobenzene	12.65	180	5989	0.220 ug/L	89
70) 1,2,4-trichlorobenzene	13.27	180	4727	0.213 ug/L	99
71) Naphthalene	13.51	128	5681	0.170 ug/L	99
72) 1,2,3-Trichlorobenzene	13.76	180	3855	0.205 ug/L	97

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

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