Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122920\
Data File : VV019866.D
Acq On : 29 Dec 2020 16:29
Operator : SY/MD
Sample : L4485-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 30 05:06:16 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

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-01

Manual Integrations APPROVED
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12/30/2020 6:35:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	287007	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	272114	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	127908	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.30	65	99686	4.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.60%			
7) Chloroethane-d5	1.57	69	83469	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.80%			
11) 1,1-Dichloroethene-d2	2.10	63	153943	3.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.00%			
20) 2-Butanone-d5	3.94	46	235974	54.16	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.32%			
24) Chloroform-d	4.35	84	173407	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.04	65	94536	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.05	84	352116	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.07	67	111586	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.32	98	304226	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloropropene-	7.63	79	36803	4.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.20%			
46) 2-Hexanone-d5	8.10	63	152475	48.50	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.00%			
56) 1,1,2,2-Tetrachloroethane-	10.22	84	66068	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.20%			
66) 1,2-Dichlorobenzene-d4	11.63	152	99881	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	6416	0.234	ug/L	99
3) Chloromethane	1.24	50	7476	0.246	ug/L	96
5) Vinyl chloride	1.31	62	7579	0.254	ug/L	87
6) Bromomethane	1.52	94	4512	0.259	ug/L	96
8) Chloroethane	1.58	64	4332	0.238	ug/L	87
9) Trichlorofluoromethane	1.75	101	8155	0.225	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	5379	0.276	ug/L	92
12) 1,1-Dichloroethene	2.11	96	5656	0.284	ug/L #	1
13) Acetone	2.25	43	8658m	2.650	ug/L	
14) Carbon disulfide	2.29	76	16775	0.244	ug/L #	95
15) Methyl Acetate	2.47	43	2712m	0.332	ug/L	
16) Methylene chloride	2.51	84	7769	0.321	ug/L	94
17) Methyl tert-butyl Ether	2.78	73	11517	0.232	ug/L	97
18) trans-1,2-Dichloroethene	2.76	96	5286	0.235	ug/L	97
19) 1,1-Dichloroethane	3.19	63	10173	0.234	ug/L	98
21) 2-Butanone	4.03	43	15725m	2.860	ug/L	
22) cis-1,2-Dichloroethene	3.92	96	5172m	0.221	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.26	128	1999	0.215	ug/L		84
25) Chloroform	4.38	83	18530	0.428	ug/L		99
27) 1,2-Dichloroethane	5.14	62	6882	0.261	ug/L		97
29) 1,1,1-Trichloroethane	4.61	97	8692	0.234	ug/L		97
30) Cyclohexane	4.68	56	8404	0.225	ug/L	#	91
31) Carbon tetrachloride	4.83	117	6406	0.211	ug/L		96
33) Benzene	5.11	78	21178	0.232	ug/L		100
34) Trichloroethene	5.93	95	6126	0.252	ug/L		92
35) Methylcyclohexane	6.14	83	8067	0.222	ug/L		92
37) 1,2-Dichloropropane	6.19	63	4981	0.218	ug/L		100
38) Bromodichloromethane	6.52	83	6667	0.237	ug/L		98
39) cis-1,3-Dichloropropene	7.04	75	7579	0.242	ug/L		99
40) 4-Methyl-2-pentanone	7.24	43	28905	2.240	ug/L	#	89
42) Toluene	7.40	91	20465	0.221	ug/L		94
44) trans-1,3-Dichloropropene	7.66	75	7113	0.277	ug/L		98
45) 1,1,2-Trichloroethane	7.86	97	3577	0.242	ug/L		91
47) Tetrachloroethene	7.98	164	3849	0.233	ug/L		96
48) 2-Hexanone	8.15	43	37314	4.173	ug/L		95
49) Dibromochloromethane	8.26	129	3577	0.224	ug/L		78
50) 1,2-Dibromoethane	8.36	107	3340	0.249	ug/L	#	98
51) Chlorobenzene	8.89	112	13557	0.232	ug/L		95
52) Ethylbenzene	9.02	91	22458	0.219	ug/L		94
53) m,p-xylene	9.15	106	7973	0.213	ug/L		95
54) o-xylene	9.55	106	7471	0.208	ug/L		89
55) Styrene	9.57	104	11150	0.184	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.25	83	4217	0.270	ug/L	#	94
59) Bromoform	9.74	173	1556	0.224	ug/L	#	91
60) Isopropylbenzene	9.94	105	20442	0.220	ug/L		98
61) 1,2,3-Trichloropropane	10.29	75	3174	0.257	ug/L		91
62) 1,3,5-Trimethylbenzene	10.55	105	16600	0.216	ug/L		100
63) 1,2,4-Trimethylbenzene	10.92	105	15783	0.201	ug/L		97
64) 1,3-Dichlorobenzene	11.19	146	9527	0.233	ug/L		99
65) 1,4-Dichlorobenzene	11.28	146	10545	0.257	ug/L		95
67) 1,2-Dichlorobenzene	11.65	146	9283	0.247	ug/L		95
68) 1,2-Dibromo-3-chloropropan	12.45	75	522	0.205	ug/L		88
69) 1,3,5-Trichlorobenzene	12.66	180	6671	0.220	ug/L		97
70) 1,2,4-trichlorobenzene	13.27	180	5369	0.218	ug/L		97
71) Naphthalene	13.52	128	5919	0.159	ug/L	#	92
72) 1,2,3-Trichlorobenzene	13.76	180	4296	0.205	ug/L		98

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

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