Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102920\
Data File : VX019178.D
Acq On : 28 Oct 2020 21:41
Operator : JC/MD
Sample : L4485-10
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03

Manual Integrations APPROVED
MMDadoda
10/29/2020 11:04:37 AM

Quant Time: Oct 29 06:57:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 06:24:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	196155	5.00	ug/L		0.00
28) Chlorobenzene-d5	10.10	117	174076	5.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	78504	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	64899	5.12	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.40%				
7) Chloroethane-d5	1.70	69	53282	5.04	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.80%				
11) 1,1-Dichloroethene-d2	2.34	63	94391	3.81	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.20%				
20) 2-Butanone-d5	4.56	46	143282	51.66	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.32%				
24) Chloroform-d	5.14	84	115843	4.84	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%				
26) 1,2-Dichloroethane-d4	6.03	65	63633	4.73	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%				
32) Benzene-d6	6.04	84	243338	5.13	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%				
36) 1,2-Dichloropropane-d6	7.37	67	70373	5.24	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.80%				
41) Toluene-d8	8.70	98	227271	4.87	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%				
43) trans-1,3-Dichloropropene-	8.99	79	28236	4.88	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.60%				
46) 2-Hexanone-d5	9.43	63	130149	51.37	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.74%				
56) 1,1,2,2-Tetrachloroethane-	11.23	84	50812	4.93	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%				
66) 1,2-Dichlorobenzene-d4	12.36	152	75458	5.18	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.18	85	3762	0.232	ug/L		95
3) Chloromethane	1.31	50	3572	0.255	ug/L		90
5) Vinyl chloride	1.39	62	4056	0.257	ug/L		88
6) Bromomethane	1.64	94	2836	0.279	ug/L		87
8) Chloroethane	1.72	64	2479	0.259	ug/L		96
9) Trichlorofluoromethane	1.92	101	5297	0.233	ug/L		97
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	4007	0.310	ug/L	#	82
12) 1,1-Dichloroethene	2.35	96	3741	0.297	ug/L	#	1
13) Acetone	2.46	43	3294	2.083	ug/L		94
14) Carbon disulfide	2.54	76	9289	0.238	ug/L		98
15) Methyl Acetate	2.76	43	1608	0.381	ug/L	#	88
16) Methylene chloride	2.83	84	5688	0.379	ug/L		89
17) Methyl tert-butyl Ether	3.17	73	7122	0.236	ug/L	#	89
18) trans-1,2-Dichloroethene	3.14	96	3265	0.247	ug/L		92
19) 1,1-Dichloroethane	3.67	63	5350	0.236	ug/L		97
21) 2-Butanone	4.67	43	7963	2.867	ug/L		92
22) cis-1,2-Dichloroethene	4.56	96	3435	0.244	ug/L		93

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 06:24:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.98	128	1314	0.224	ug/L		96
25) Chloroform	5.17	83	6397	0.272	ug/L		100
27) 1,2-Dichloroethane	6.16	62	3690m	0.250	ug/L		
29) 1,1,1-Trichloroethane	5.46	97	5032	0.234	ug/L		97
30) Cyclohexane	5.54	56	5223	0.244	ug/L		96
31) Carbon tetrachloride	5.75	117	4115	0.225	ug/L		99
33) Benzene	6.11	78	12689	0.245	ug/L		100
34) Trichloroethene	7.18	95	3346	0.236	ug/L		90
35) Methylcyclohexane	7.44	83	5233	0.228	ug/L		97
37) 1,2-Dichloropropane	7.49	63	2921	0.239	ug/L	#	94
38) Bromodichloromethane	7.88	83	3698	0.232	ug/L		95
39) cis-1,3-Dichloropropene	8.42	75	4144	0.221	ug/L		89
40) 4-Methyl-2-pentanone	8.62	43	15408	2.361	ug/L	#	87
42) Toluene	8.76	91	13071	0.233	ug/L		99
44) trans-1,3-Dichloropropene	9.02	75	3203m	0.204	ug/L		
45) 1,1,2-Trichloroethane	9.20	97	1976	0.222	ug/L		87
47) Tetrachloroethene	9.32	164	2439	0.225	ug/L		90
48) 2-Hexanone	9.48	43	12587	2.757	ug/L		94
49) Dibromochloromethane	9.56	129	2227	0.216	ug/L		91
50) 1,2-Dibromoethane	9.66	107	1788	0.216	ug/L	#	91
51) Chlorobenzene	10.12	112	8110	0.229	ug/L		99
52) Ethylbenzene	10.23	91	14331	0.229	ug/L		94
53) m,p-xylene	10.34	106	5621	0.234	ug/L		100
54) o-xylene	10.68	106	5037	0.219	ug/L		90
55) Styrene	10.70	104	7643	0.203	ug/L		99
57) 1,1,2,2-Tetrachloroethane	11.26	83	2625	0.258	ug/L	#	93
59) Bromoform	10.84	173	1104	0.214	ug/L	#	98
60) Isopropylbenzene	11.00	105	13380	0.232	ug/L		99
61) 1,2,3-Trichloropropane	11.28	75	1776	0.252	ug/L		97
62) 1,3,5-Trimethylbenzene	11.49	105	10986	0.228	ug/L		100
63) 1,2,4-Trimethylbenzene	11.79	105	10921	0.223	ug/L		100
64) 1,3-Dichlorobenzene	12.01	146	5931	0.232	ug/L		93
65) 1,4-Dichlorobenzene	12.08	146	6228	0.243	ug/L		99
67) 1,2-Dichlorobenzene	12.38	146	5543	0.235	ug/L		95
68) 1,2-Dibromo-3-chloropropan	12.98	75	395	0.245	ug/L	#	83
69) 1,3,5-Trichlorobenzene	13.15	180	4317	0.230	ug/L		99
70) 1,2,4-trichlorobenzene	13.63	180	3609	0.220	ug/L		95
71) Naphthalene	13.82	128	6207	0.210	ug/L		98
72) 1,2,3-Trichlorobenzene	14.00	180	3481	0.240	ug/L		95

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

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