Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102920\
Data File : VX019177.D
Acq On : 28 Oct 2020 21:15
Operator : JC/MD
Sample : L4485-09
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-02

Manual Integrations APPROVED
MMDadoda
10/29/2020 11:04:32 AM

Quant Time: Oct 29 06:56:30 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	186800	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	166482	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	76167	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	63033	5.22	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.40%			
7) Chloroethane-d5	1.70	69	52095	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.40%			
11) 1,1-Dichloroethene-d2	2.34	63	92750	3.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.60%			
20) 2-Butanone-d5	4.56	46	143668	54.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.80%			
24) Chloroform-d	5.14	84	114581	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	6.03	65	62961	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	6.05	84	237537	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
36) 1,2-Dichloropropane-d6	7.37	67	68913	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.20%			
41) Toluene-d8	8.70	98	221153	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
43) trans-1,3-Dichloropropene-	8.99	79	28321	5.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.40%			
46) 2-Hexanone-d5	9.43	63	131107	54.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.22%			
56) 1,1,2,2-Tetrachloroethane-	11.23	84	50890	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
66) 1,2-Dichlorobenzene-d4	12.36	152	76371	5.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.00%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	3582	0.232	ug/L	100
3) Chloromethane	1.31	50	3417	0.256	ug/L	96
5) Vinyl chloride	1.39	62	3525	0.235	ug/L #	70
6) Bromomethane	1.64	94	2527	0.261	ug/L	99
8) Chloroethane	1.72	64	2336	0.257	ug/L	98
9) Trichlorofluoromethane	1.92	101	5138	0.237	ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	3790	0.308	ug/L #	78
12) 1,1-Dichloroethene	2.36	96	3789	0.316	ug/L #	1
13) Acetone	2.46	43	3598	2.389	ug/L	65
14) Carbon disulfide	2.55	76	8966	0.241	ug/L	96
15) Methyl Acetate	2.76	43	1098	0.273	ug/L	92
16) Methylene chloride	2.83	84	5377	0.376	ug/L	96
17) Methyl tert-butyl Ether	3.17	73	6609	0.230	ug/L	97
18) trans-1,2-Dichloroethene	3.14	96	2978	0.236	ug/L	98
19) 1,1-Dichloroethane	3.67	63	4898	0.227	ug/L	96
21) 2-Butanone	4.67	43	5548	2.098	ug/L	94
22) cis-1,2-Dichloroethene	4.56	96	3131	0.233	ug/L	94

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Quant Time: Oct 29 06:56:30 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)
23) Bromochloromethane	4.98	128	1183	0.212	ug/L		84
25) Chloroform	5.18	83	6109	0.272	ug/L		92
27) 1,2-Dichloroethane	6.17	62	3482	0.248	ug/L		96
29) 1,1,1-Trichloroethane	5.46	97	4657	0.227	ug/L		97
30) Cyclohexane	5.55	56	4676	0.228	ug/L		96
31) Carbon tetrachloride	5.74	117	3757	0.215	ug/L		95
33) Benzene	6.10	78	11632	0.235	ug/L		100
34) Trichloroethene	7.19	95	3177	0.234	ug/L		97
35) Methylcyclohexane	7.44	83	4850	0.221	ug/L		97
37) 1,2-Dichloropropane	7.49	63	2818	0.241	ug/L	#	86
38) Bromodichloromethane	7.87	83	3412	0.224	ug/L		92
39) cis-1,3-Dichloropropene	8.42	75	3748	0.209	ug/L		97
40) 4-Methyl-2-pentanone	8.62	43	14072	2.254	ug/L	#	87
42) Toluene	8.76	91	12232	0.228	ug/L		100
44) trans-1,3-Dichloropropene	9.02	75	3480m	0.231	ug/L		
45) 1,1,2-Trichloroethane	9.20	97	1889	0.221	ug/L		98
47) Tetrachloroethene	9.31	164	2310	0.223	ug/L		91
48) 2-Hexanone	9.48	43	11282	2.584	ug/L		99
49) Dibromochloromethane	9.57	129	2071	0.210	ug/L		96
50) 1,2-Dibromoethane	9.66	107	1806	0.228	ug/L	#	98
51) Chlorobenzene	10.12	112	7589	0.224	ug/L		94
52) Ethylbenzene	10.23	91	13033	0.217	ug/L		99
53) m,p-xylene	10.34	106	5120	0.223	ug/L		97
54) o-xylene	10.68	106	4910	0.223	ug/L		96
55) Styrene	10.70	104	7462	0.207	ug/L		95
57) 1,1,2,2-Tetrachloroethane	11.25	83	2426	0.250	ug/L	#	90
59) Bromoform	10.84	173	1047	0.209	ug/L	#	94
60) Isopropylbenzene	11.00	105	12608	0.225	ug/L		99
61) 1,2,3-Trichloropropane	11.28	75	1603	0.235	ug/L		95
62) 1,3,5-Trimethylbenzene	11.49	105	10133	0.216	ug/L		99
63) 1,2,4-Trimethylbenzene	11.79	105	10147	0.214	ug/L		99
64) 1,3-Dichlorobenzene	12.01	146	5735	0.231	ug/L		97
65) 1,4-Dichlorobenzene	12.08	146	6064	0.244	ug/L		98
67) 1,2-Dichlorobenzene	12.38	146	5498	0.241	ug/L		92
68) 1,2-Dibromo-3-chloropropan	12.98	75	397	0.254	ug/L	#	71
69) 1,3,5-Trichlorobenzene	13.15	180	4086	0.224	ug/L		98
70) 1,2,4-trichlorobenzene	13.63	180	3435	0.216	ug/L		99
71) Naphthalene	13.82	128	5833	0.204	ug/L		99
72) 1,2,3-Trichlorobenzene	14.00	180	3089	0.220	ug/L		98

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

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