Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092520\
Data File : VU040285.D
Acq On : 24 Sep 2020 21:16
Operator : SY/MD
Sample : L4485-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03

Quant Time: Sep 25 02:56:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR092420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 25 02:46:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	201081	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	202966	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	96123	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	63920	4.87	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.40%			
7) Chloroethane-d5	1.92	69	57035	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.40%			
11) 1,1-Dichloroethene-d2	2.58	65	33759	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.20%			
20) 2-Butanone-d5	4.66	46	260197	53.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.34%			
24) Chloroform-d	5.08	84	129846	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
26) 1,2-Dichloroethane-d4	5.72	65	81036	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.74	84	253013	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
36) 1,2-Dichloropropane-d6	6.70	67	85937	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.91	98	219495	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloropropene-	8.18	79	33204	4.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.80%			
46) 2-Hexanone-d5	8.64	63	182837	51.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.04%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	72234	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
66) 1,2-Dichlorobenzene-d4	12.19	152	85667	5.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	6011	0.287	ug/L	96
3) Chloromethane	1.52	50	6033	0.292	ug/L	99
5) Vinyl chloride	1.61	62	5465	0.269	ug/L #	66
6) Bromomethane	1.86	94	2947	0.271	ug/L	81
8) Chloroethane	1.94	64	3790	0.312	ug/L	95
9) Trichlorofluoromethane	2.15	101	7449	0.272	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	5642	0.334	ug/L #	82
12) 1,1-Dichloroethene	2.59	96	4905	0.313	ug/L #	1
13) Acetone	2.66	43	10525	2.655	ug/L	69
14) Carbon disulfide	2.80	76	15144	0.276	ug/L	96
15) Methyl Acetate	2.98	43	2509	0.261	ug/L	94
16) Methylene chloride	3.06	84	7761	0.394	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	10955	0.263	ug/L	98
18) trans-1,2-Dichloroethene	3.38	96	4598	0.278	ug/L	96
19) 1,1-Dichloroethane	3.89	63	9023	0.277	ug/L #	85
21) 2-Butanone	4.74	43	16624	2.603	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	5041	0.290	ug/L	94

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR092420WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.99	128	2281	0.281 ug/L		88
25) Chloroform	5.11	83	13768	0.421 ug/L		92
27) 1,2-Dichloroethane	5.81	62	7045	0.300 ug/L		99
29) 1,1,1-Trichloroethane	5.33	97	7553	0.265 ug/L		92
30) Cyclohexane	5.41	56	7471	0.240 ug/L		98
31) Carbon tetrachloride	5.54	117	6141	0.252 ug/L		96
33) Benzene	5.79	78	19209	0.273 ug/L		100
34) Trichloroethene	6.56	95	4579	0.250 ug/L		87
35) Methylcyclohexane	6.77	83	6633	0.232 ug/L		93
37) 1,2-Dichloropropane	6.80	63	5228	0.267 ug/L	#	92
38) Bromodichloromethane	7.11	83	6077	0.254 ug/L	#	94
39) cis-1,3-Dichloropropene	7.62	75	7216	0.271 ug/L		83
40) 4-Methyl-2-pentanone	7.80	43	36434	2.434 ug/L		98
42) Toluene	7.97	91	18727	0.263 ug/L		95
44) trans-1,3-Dichloropropene	8.22	75	6260	0.254 ug/L		98
45) 1,1,2-Trichloroethane	8.40	97	3812	0.287 ug/L		88
47) Tetrachloroethene	8.56	164	3320	0.252 ug/L		91
48) 2-Hexanone	8.69	43	32991	3.015 ug/L		98
49) Dibromochloromethane	8.82	129	3696	0.240 ug/L		97
50) 1,2-Dibromoethane	8.93	107	3608	0.279 ug/L	#	85
51) Chlorobenzene	9.45	112	11708	0.256 ug/L		96
52) Ethylbenzene	9.57	91	19467	0.247 ug/L		95
53) m,p-Xylene	9.70	106	6270	0.221 ug/L		100
54) o-Xylene	10.10	106	6405	0.234 ug/L		85
55) Styrene	10.11	104	10084	0.214 ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.78	83	4800	0.272 ug/L	#	97
59) Bromoform	10.29	173	2196	0.280 ug/L	#	96
60) Isopropylbenzene	10.48	105	16784	0.249 ug/L		98
61) 1,2,3-Trichloropropane	10.82	75	3522	0.282 ug/L		90
62) 1,3,5-Trimethylbenzene	11.08	105	12513	0.229 ug/L		98
63) 1,2,4-Trimethylbenzene	11.46	105	12856	0.233 ug/L		95
64) 1,3-Dichlorobenzene	11.74	146	9750	0.292 ug/L		94
65) 1,4-Dichlorobenzene	11.83	146	9537	0.277 ug/L		96
67) 1,2-Dichlorobenzene	12.20	146	8762	0.277 ug/L		90
68) 1,2-Dibromo-3-chloropropan	13.00	75	705	0.241 ug/L	#	76
69) 1,3,5-Trichlorobenzene	13.21	180	5847	0.249 ug/L		93
70) 1,2,4-trichlorobenzene	13.83	180	4343	0.229 ug/L		98
71) Naphthalene	14.08	128	5497	0.167 ug/L		97
72) 1,2,3-Trichlorobenzene	14.32	180	3597	0.212 ug/L		98

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

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