Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102820\
Data File : VU041006.D
Acq On : 28 Oct 2020 20:48
Operator : SY/MD
Sample : L4485-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-05

Manual Integrations APPROVED
MMDadoda
10/29/2020 11:07:25 AM

Quant Time: Oct 29 02:27:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 01:58:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112312	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113124	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	48754	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	36373	4.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.20%			
7) Chloroethane-d5	1.92	69	30619	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%			
11) 1,1-Dichloroethene-d2	2.58	65	17912	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.00%			
20) 2-Butanone-d5	4.66	46	169387	53.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.60%			
24) Chloroform-d	5.08	84	74928	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.72	65	49680	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
32) Benzene-d6	5.74	84	134013	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.70	67	47286	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.91	98	109382	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	8.19	79	18398	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%			
46) 2-Hexanone-d5	8.64	63	114372	51.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.98%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	43113	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
66) 1,2-Dichlorobenzene-d4	12.19	152	42516	5.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2145	0.224	ug/L	99
3) Chloromethane	1.53	50	2380	0.237	ug/L	95
5) Vinyl chloride	1.61	62	2600	0.262	ug/L #	61
6) Bromomethane	1.87	94	1373	0.259	ug/L	94
8) Chloroethane	1.94	64	1366	0.215	ug/L	100
9) Trichlorofluoromethane	2.15	101	3087	0.224	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2220	0.278	ug/L	87
12) 1,1-Dichloroethene	2.59	96	1914	0.252	ug/L #	1
13) Acetone	2.67	43	4102m	2.079	ug/L	
14) Carbon disulfide	2.81	76	5986	0.247	ug/L	100
15) Methyl Acetate	2.97	43	1117m	0.242	ug/L	
16) Methylene chloride	3.06	84	3021	0.333	ug/L	85
17) Methyl tert-butyl Ether	3.38	73	4097	0.207	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	1840	0.239	ug/L	83
19) 1,1-Dichloroethane	3.90	63	3470m	0.217	ug/L	
21) 2-Butanone	4.76	43	5756m	1.798	ug/L	
22) cis-1,2-Dichloroethene	4.68	96	1707	0.207	ug/L	90

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.00	128	799	0.204	ug/L		83
25) Chloroform	5.11	83	5003	0.307	ug/L		95
27) 1,2-Dichloroethane	5.82	62	2821	0.236	ug/L		96
29) 1,1,1-Trichloroethane	5.33	97	3182	0.227	ug/L		94
30) Cyclohexane	5.40	56	2663	0.205	ug/L	#	93
31) Carbon tetrachloride	5.54	117	2730	0.228	ug/L		92
33) Benzene	5.79	78	7718	0.235	ug/L		100
34) Trichloroethene	6.55	95	1975	0.225	ug/L		96
35) Methylcyclohexane	6.77	83	2733	0.224	ug/L		89
37) 1,2-Dichloropropane	6.81	63	2098	0.225	ug/L	#	89
38) Bromodichloromethane	7.11	83	2513	0.215	ug/L	#	80
39) cis-1,3-Dichloropropene	7.61	75	2489	0.201	ug/L		89
40) 4-Methyl-2-pentanone	7.80	43	14728	2.088	ug/L	#	88
42) Toluene	7.98	91	7520	0.226	ug/L		89
44) trans-1,3-Dichloropropene	8.22	75	2519m	0.219	ug/L		
45) 1,1,2-Trichloroethane	8.40	97	1359	0.204	ug/L		89
47) Tetrachloroethene	8.56	164	1521	0.251	ug/L		89
48) 2-Hexanone	8.69	43	14296	2.701	ug/L		98
49) Dibromochloromethane	8.82	129	1757	0.228	ug/L		94
50) 1,2-Dibromoethane	8.92	107	1364	0.218	ug/L	#	93
51) Chlorobenzene	9.45	112	4677	0.219	ug/L		97
52) Ethylbenzene	9.57	91	7042	0.204	ug/L		100
53) m,p-Xylene	9.70	106	2227	0.178	ug/L		87
54) o-Xylene	10.10	106	2284	0.191	ug/L		96
55) Styrene	10.11	104	3546	0.171	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.78	83	1770	0.206	ug/L	#	86
59) Bromoform	10.29	173	928	0.244	ug/L	#	90
60) Isopropylbenzene	10.48	105	5220	0.184	ug/L		94
61) 1,2,3-Trichloropropane	10.82	75	1538	0.262	ug/L		92
62) 1,3,5-Trimethylbenzene	11.09	105	4576	0.202	ug/L		95
63) 1,2,4-Trimethylbenzene	11.46	105	4265	0.185	ug/L		99
64) 1,3-Dichlorobenzene	11.74	146	3464	0.245	ug/L		89
65) 1,4-Dichlorobenzene	11.83	146	3204	0.222	ug/L		90
67) 1,2-Dichlorobenzene	12.21	146	3297	0.241	ug/L		92
68) 1,2-Dibromo-3-chloropropan	12.99	75	345	0.255	ug/L	#	74
69) 1,3,5-Trichlorobenzene	13.21	180	2362	0.244	ug/L		92
70) 1,2,4-trichlorobenzene	13.83	180	1743	0.214	ug/L		96
71) Naphthalene	14.08	128	2422	0.170	ug/L	#	88
72) 1,2,3-Trichlorobenzene	14.32	180	1488	0.195	ug/L		93

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

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