Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010521\
Data File : VU041851.D
Acq On : 05 Jan 2021 12:28
Operator : SY/MD
Sample : L5214-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-01

Manual Integrations APPROVED
SAM
1/7/2021 5:23:27 PM

Quant Time: Jan 06 06:38:45 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR122820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 06 06:32:42 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	156857	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	155205	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	73388	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	48158	3.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%			
7) Chloroethane-d5	1.92	69	49322	4.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.00%			
11) 1,1-Dichloroethene-d2	2.57	65	23721	3.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.60%			
20) 2-Butanone-d5	4.66	46	147090	41.89	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.78%			
24) Chloroform-d	5.08	84	96332	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
26) 1,2-Dichloroethane-d4	5.71	65	53682	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
32) Benzene-d6	5.74	84	188469	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
36) 1,2-Dichloropropane-d6	6.70	67	60244	4.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.40%			
41) Toluene-d8	7.90	98	177369	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
43) trans-1,3-Dichloropropene-	8.19	79	24284	4.16	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.20%			
46) 2-Hexanone-d5	8.64	63	133920	43.03	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.06%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	55885	4.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.80%			
66) 1,2-Dichlorobenzene-d4	12.19	152	64767	4.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2795	0.195	ug/L #	81
3) Chloromethane	1.52	50	4106	0.314	ug/L	91
5) Vinyl chloride	1.61	62	3627	0.227	ug/L #	72
6) Bromomethane	1.86	94	2089	0.191	ug/L	88
8) Chloroethane	1.94	64	2246	0.222	ug/L	84
9) Trichlorofluoromethane	2.14	101	4607	0.208	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3531	0.284	ug/L #	75
12) 1,1-Dichloroethene	2.58	96	2956	0.240	ug/L #	1
13) Acetone	2.69	43	3772	1.556	ug/L	71
14) Carbon disulfide	2.80	76	8382	0.203	ug/L	99
15) Methyl Acetate	2.99	43	1225	0.216	ug/L #	60
16) Methylene chloride	3.06	84	3998	0.256	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	5258	0.176	ug/L #	69
18) trans-1,2-Dichloroethene	3.36	96	2379	0.199	ug/L #	69
19) 1,1-Dichloroethane	3.88	63	3588	0.169	ug/L #	96
21) 2-Butanone	4.75	43	6395m	1.912	ug/L	
22) cis-1,2-Dichloroethene	4.68	96	2859	0.231	ug/L	89

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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	1111	0.185 ug/L #	81
25) Chloroform	5.11	83	5379	0.251 ug/L	98
27) 1,2-Dichloroethane	5.81	62	2568	0.184 ug/L #	93
29) 1,1,1-Trichloroethane	5.33	97	3775	0.203 ug/L	96
30) Cyclohexane	5.40	56	3684	0.215 ug/L	89
31) Carbon tetrachloride	5.53	117	3029	0.184 ug/L	96
33) Benzene	5.79	78	10943	0.237 ug/L	100
34) Trichloroethene	6.55	95	2651	0.219 ug/L	95
35) Methylcyclohexane	6.77	83	3674	0.198 ug/L	99
37) 1,2-Dichloropropane	6.81	63	2373	0.206 ug/L #	87
38) Bromodichloromethane	7.11	83	3133	0.208 ug/L #	95
39) cis-1,3-Dichloropropene	7.62	75	3476	0.202 ug/L	88
40) 4-Methyl-2-pentanone	7.80	43	14668	1.993 ug/L #	83
42) Toluene	7.97	91	10081	0.207 ug/L	91
44) trans-1,3-Dichloropropene	8.21	75	2843m	0.180 ug/L	
45) 1,1,2-Trichloroethane	8.40	97	1638	0.176 ug/L	93
47) Tetrachloroethene	8.56	164	2155	0.228 ug/L #	77
48) 2-Hexanone	8.69	43	12278	2.282 ug/L #	95
49) Dibromochloromethane	8.82	129	2271	0.203 ug/L	100
50) 1,2-Dibromoethane	8.92	107	1675	0.182 ug/L #	89
51) Chlorobenzene	9.45	112	6542	0.204 ug/L	95
52) Ethylbenzene	9.57	91	9721	0.191 ug/L	97
53) m,p-Xylene	9.70	106	3500	0.175 ug/L	93
54) o-Xylene	10.10	106	3163	0.166 ug/L	76
55) Styrene	10.11	104	5686	0.174 ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.78	83	2506	0.205 ug/L #	92
59) Bromoform	10.29	173	1239	0.196 ug/L #	89
60) Isopropylbenzene	10.48	105	9182	0.200 ug/L	97
61) 1,2,3-Trichloropropane	10.82	75	1503	0.182 ug/L #	91
62) 1,3,5-Trimethylbenzene	11.09	105	6762	0.179 ug/L	93
63) 1,2,4-Trimethylbenzene	11.46	105	6239	0.167 ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	4877	0.220 ug/L	96
65) 1,4-Dichlorobenzene	11.83	146	4993	0.221 ug/L	93
67) 1,2-Dichlorobenzene	12.21	146	5059	0.229 ug/L	92
68) 1,2-Dibromo-3-chloropropan	12.98	75	387m	0.204 ug/L	
69) 1,3,5-Trichlorobenzene	13.21	180	3524	0.212 ug/L	98
70) 1,2,4-trichlorobenzene	13.83	180	2345	0.193 ug/L	97
71) Naphthalene	14.08	128	2899	0.135 ug/L #	88
72) 1,2,3-Trichlorobenzene	14.32	180	2269	0.196 ug/L #	97

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

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