Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010421\
Data File : VU041847.D
Acq On : 04 Jan 2021 16:39
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Manual Integrations APPROVED
SAM
1/7/2021 5:22:29 PM

Quant Time: Jan 05 03:20:40 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 05 01:00:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	162488	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	151550	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	83341	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	50813	4.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.00%			
7) Chloroethane-d5	1.92	69	50012	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.80%			
11) 1,1-Dichloroethene-d2	2.58	63	111628	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.40%			
20) 2-Butanone-d5	4.66	46	181648	49.78	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.56%			
24) Chloroform-d	5.08	84	116411	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
26) 1,2-Dichloroethane-d4	5.72	65	61308	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.74	84	222805	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%			
36) 1,2-Dichloropropane-d6	6.70	67	67931	4.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.80%			
41) Toluene-d8	7.90	98	186740	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
43) trans-1,3-Dichloropropene-	8.18	79	26823	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.64	63	141999	42.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.92%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	59778	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	73725	4.98	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	73642	5.350	ug/L	99
3) Chloromethane	1.52	50	71116	5.317	ug/L	97
5) Vinyl chloride	1.61	62	81861	5.543	ug/L	97
6) Bromomethane	1.86	94	31252	3.385	ug/L	98
8) Chloroethane	1.94	64	59180	5.900	ug/L	100
9) Trichlorofluoromethane	2.14	101	110687	5.922	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	65310	5.843	ug/L	99
12) 1,1-Dichloroethene	2.59	96	63648	5.774	ug/L	91
13) Acetone	2.67	43	116060m	50.003	ug/L	
14) Carbon disulfide	2.80	76	204219	5.361	ug/L	98
15) Methyl Acetate	2.97	43	28505	4.724	ug/L	97
16) Methylene chloride	3.06	84	73902	5.614	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	149697	5.090	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	62247	5.460	ug/L	95
19) 1,1-Dichloroethane	3.89	63	115480	5.419	ug/L	98
21) 2-Butanone	4.74	43	182530	48.280	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	66240	5.257	ug/L	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 05 01:00:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	33069	5.713 ug/L	92
25) Chloroform	5.11	83	120261	5.604 ug/L	99
27) 1,2-Dichloroethane	5.81	62	75492	5.195 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	102044	5.863 ug/L	97
30) Cyclohexane	5.40	56	98012	5.024 ug/L	94
31) Carbon tetrachloride	5.54	117	89649	5.957 ug/L	99
33) Benzene	5.79	78	264383	5.455 ug/L	100
34) Trichloroethene	6.55	95	64325	5.282 ug/L	94
35) Methylcyclohexane	6.77	83	98094	4.982 ug/L	99
37) 1,2-Dichloropropane	6.80	63	62308	5.026 ug/L	98
38) Bromodichloromethane	7.11	83	80270	5.204 ug/L	97
39) cis-1,3-Dichloropropene	7.61	75	86029	4.683 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	347191	39.357 ug/L #	94
42) Toluene	7.97	91	256800	5.132 ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	79057	4.812 ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	48560	5.296 ug/L	95
47) Tetrachloroethene	8.56	164	49838	5.845 ug/L	95
48) 2-Hexanone	8.69	43	264010	41.123 ug/L #	97
49) Dibromochloromethane	8.81	129	58207	5.527 ug/L	97
50) 1,2-Dibromoethane	8.93	107	43923	4.843 ug/L	95
51) Chlorobenzene	9.45	112	163871	5.268 ug/L	95
52) Ethylbenzene	9.57	91	267452	5.019 ug/L	98
53) m,p-Xylene	9.69	106	106160	5.342 ug/L	100
54) o-Xylene	10.10	106	107176	5.506 ug/L	94
55) Styrene	10.11	104	181716	5.404 ug/L	99
56) Isopropylbenzene	10.48	105	268309	5.179 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	60776	4.764 ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	42817	4.599 ug/L	99
61) Bromoform	10.29	173	34078	5.409 ug/L	94
62) 1,3-Dichlorobenzene	11.74	146	134497	5.277 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	137016	5.346 ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	131024	5.249 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	9605	4.103 ug/L #	81
67) 1,3,5-Trichlorobenzene	13.21	180	96979	5.012 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	79169	4.876 ug/L	98
69) Naphthalene	14.08	128	134652	4.006 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	76578	4.948 ug/L	100

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

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