Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010721\
Data File : VU041862.D
Acq On : 06 Jan 2021 15:22
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005112

Quant Time: Jan 07 01:19:55 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR122820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 07 01:18:48 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	170773	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	166828	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	95631	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	52315	3.87	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.40%			
7) Chloroethane-d5	1.92	69	51994	4.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.40%			
11) 1,1-Dichloroethene-d2	2.57	65	23849	3.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.80%			
20) 2-Butanone-d5	4.66	46	161636	42.28	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.56%			
24) Chloroform-d	5.07	84	106335	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
26) 1,2-Dichloroethane-d4	5.71	65	55856	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.80%			
32) Benzene-d6	5.74	84	196775	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.00%			
36) 1,2-Dichloropropane-d6	6.70	67	62592	4.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.40%			
41) Toluene-d8	7.90	98	184871	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
43) trans-1,3-Dichloropropene-	8.18	79	26490	4.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.40%			
46) 2-Hexanone-d5	8.64	63	146868	43.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.82%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	61931	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.40%			
66) 1,2-Dichlorobenzene-d4	12.19	152	76498	4.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	78689	5.034	ug/L	99
3) Chloromethane	1.52	50	77782	5.472	ug/L	100
5) Vinyl chloride	1.61	62	90795	5.214	ug/L	99
6) Bromomethane	1.86	94	55673	4.667	ug/L	99
8) Chloroethane	1.94	64	53103	4.816	ug/L	99
9) Trichlorofluoromethane	2.14	101	119750	4.977	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	69460	5.126	ug/L	98
12) 1,1-Dichloroethene	2.59	96	67951	5.057	ug/L	86
13) Acetone	2.67	43	121221	45.944	ug/L	99
14) Carbon disulfide	2.80	76	215659	4.794	ug/L	99
15) Methyl Acetate	2.97	43	27196	4.399	ug/L	92
16) Methylene chloride	3.05	84	72506	4.258	ug/L	97
17) Methyl tert-butyl Ether	3.37	73	156132	4.796	ug/L	100
18) trans-1,2-Dichloroethene	3.36	96	65770	5.060	ug/L	98
19) 1,1-Dichloroethane	3.88	63	115265	4.996	ug/L	98
21) 2-Butanone	4.74	43	162845	44.716	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	64760	4.797	ug/L	92

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Instrument : MSVOA_U
ClientSampleId : VSTD005112

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR122820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 07 01:18:48 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	32822	5.007	ug/L		93
25) Chloroform	5.10	83	111997	4.807	ug/L		96
27) 1,2-Dichloroethane	5.80	62	72360	4.772	ug/L		99
29) 1,1,1-Trichloroethane	5.33	97	96859	4.854	ug/L		98
30) Cyclohexane	5.40	56	87142	4.742	ug/L		99
31) Carbon tetrachloride	5.53	117	86190	4.877	ug/L		98
33) Benzene	5.78	78	243530	4.897	ug/L		100
34) Trichloroethene	6.55	95	63583	4.891	ug/L		97
35) Methylcyclohexane	6.77	83	97413	4.888	ug/L		99
37) 1,2-Dichloropropane	6.80	63	60740	4.915	ug/L		99
38) Bromodichloromethane	7.11	83	80355	4.952	ug/L		98
39) cis-1,3-Dichloropropene	7.61	75	90472	4.883	ug/L		99
40) 4-Methyl-2-pentanone	7.80	43	370445	46.831	ug/L		100
42) Toluene	7.97	91	269887	5.144	ug/L		99
44) trans-1,3-Dichloropropene	8.21	75	83910	4.948	ug/L		97
45) 1,1,2-Trichloroethane	8.40	97	48987	4.895	ug/L		96
47) Tetrachloroethene	8.56	164	52334	5.150	ug/L		99
48) 2-Hexanone	8.69	43	280781	48.541	ug/L		99
49) Dibromochloromethane	8.81	129	60927	5.062	ug/L		91
50) 1,2-Dibromoethane	8.93	107	47936	4.839	ug/L	#	98
51) Chlorobenzene	9.45	112	172667	5.019	ug/L		99
52) Ethylbenzene	9.57	91	280983	5.140	ug/L		99
53) m,p-Xylene	9.69	106	112304	5.238	ug/L		97
54) o-Xylene	10.10	106	106228	5.201	ug/L		97
55) Styrene	10.11	104	188127	5.350	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.78	83	63347	4.819	ug/L		98
59) Bromoform	10.29	173	37132	4.506	ug/L		99
60) Isopropylbenzene	10.48	105	283694	4.741	ug/L		99
61) 1,2,3-Trichloropropane	10.82	75	46133	4.297	ug/L		99
62) 1,3,5-Trimethylbenzene	11.09	105	232855	4.740	ug/L		100
63) 1,2,4-Trimethylbenzene	11.47	105	255499	5.239	ug/L		99
64) 1,3-Dichlorobenzene	11.74	146	146128	5.050	ug/L		99
65) 1,4-Dichlorobenzene	11.83	146	144755	4.922	ug/L		97
67) 1,2-Dichlorobenzene	12.21	146	137592	4.781	ug/L		99
68) 1,2-Dibromo-3-chloropropan	12.99	75	10794	4.368	ug/L		96
69) 1,3,5-Trichlorobenzene	13.21	180	107296	4.948	ug/L		99
70) 1,2,4-trichlorobenzene	13.83	180	80935	5.116	ug/L		100
71) Naphthalene	14.08	128	131807	4.724	ug/L		100
72) 1,2,3-Trichlorobenzene	14.32	180	77407	5.124	ug/L		99

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

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