Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122120\
Data File : VU041712.D
Acq On : 21 Dec 2020 20:49
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Dec 22 02:54:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 22 02:49:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	145341	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	138363	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68749	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	42928	3.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.60%			
7) Chloroethane-d5	1.92	69	42977	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.80%			
11) 1,1-Dichloroethene-d2	2.58	63	88189	4.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.20%			
20) 2-Butanone-d5	4.66	46	154401	47.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.62%			
24) Chloroform-d	5.08	84	98589	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.72	65	52168	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
32) Benzene-d6	5.74	84	191563	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.70	67	61680	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.90	98	176486	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
43) trans-1,3-Dichloropropene-	8.18	79	24483	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.64	63	136029	44.55	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.10%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52601	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	62943	5.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	61249	4.974	ug/L	100
3) Chloromethane	1.52	50	58146	4.861	ug/L	97
5) Vinyl chloride	1.61	62	68521	5.187	ug/L	97
6) Bromomethane	1.87	94	43339	5.248	ug/L	99
8) Chloroethane	1.94	64	43680	4.868	ug/L	99
9) Trichlorofluoromethane	2.15	101	99726	5.965	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	54726	5.473	ug/L	94
12) 1,1-Dichloroethene	2.59	96	53547	5.431	ug/L	87
13) Acetone	2.67	43	82802	39.883	ug/L	57
14) Carbon disulfide	2.81	76	164072	4.815	ug/L	100
15) Methyl Acetate	2.97	43	22922	4.247	ug/L	98
16) Methylene chloride	3.06	84	67473	5.730	ug/L	92
17) Methyl tert-butyl Ether	3.38	73	130662	4.967	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	54930	5.386	ug/L	94
19) 1,1-Dichloroethane	3.89	63	101930	5.348	ug/L	98
21) 2-Butanone	4.74	43	146987	43.466	ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	59495	5.278	ug/L	96

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Dec 22 02:54:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 22 02:49:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	27458	5.303	ug/L		93
25) Chloroform	5.11	83	103926	5.414	ug/L		98
27) 1,2-Dichloroethane	5.81	62	65839	5.065	ug/L		96
29) 1,1,1-Trichloroethane	5.33	97	87011	5.476	ug/L		99
30) Cyclohexane	5.40	56	86753	4.871	ug/L		93
31) Carbon tetrachloride	5.54	117	75475	5.493	ug/L		97
33) Benzene	5.79	78	231010	5.220	ug/L		100
34) Trichloroethene	6.56	95	58575	5.268	ug/L		98
35) Methylcyclohexane	6.77	83	90569	5.039	ug/L		99
37) 1,2-Dichloropropane	6.80	63	58651	5.182	ug/L		99
38) Bromodichloromethane	7.11	83	78768	5.594	ug/L		98
39) cis-1,3-Dichloropropene	7.62	75	87374	5.210	ug/L		100
40) 4-Methyl-2-pentanone	7.80	43	384008	47.680	ug/L		99
42) Toluene	7.98	91	248526	5.440	ug/L		100
44) trans-1,3-Dichloropropene	8.21	75	73866	4.925	ug/L		95
45) 1,1,2-Trichloroethane	8.40	97	41180	4.920	ug/L		94
47) Tetrachloroethene	8.56	164	41754	5.364	ug/L		97
48) 2-Hexanone	8.69	43	259490	44.271	ug/L		98
49) Dibromochloromethane	8.81	129	49050	5.102	ug/L		100
50) 1,2-Dibromoethane	8.93	107	38854	4.693	ug/L		99
51) Chlorobenzene	9.45	112	153584	5.408	ug/L		95
52) Ethylbenzene	9.57	91	256637	5.275	ug/L		100
53) m,p-Xylene	9.69	106	99247	5.470	ug/L		100
54) o-Xylene	10.10	106	98201	5.526	ug/L		93
55) Styrene	10.11	104	164189	5.349	ug/L		98
56) Isopropylbenzene	10.48	105	257059	5.435	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	54108	4.646	ug/L		93
59) 1,2,3-Trichloropropane	10.82	75	39980	4.703	ug/L		99
61) Bromoform	10.29	173	28848	5.551	ug/L		98
62) 1,3-Dichlorobenzene	11.74	146	117174	5.573	ug/L		98
63) 1,4-Dichlorobenzene	11.83	146	116936	5.531	ug/L		99
65) 1,2-Dichlorobenzene	12.20	146	115153	5.593	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.99	75	8741	4.527	ug/L	#	84
67) 1,3,5-Trichlorobenzene	13.21	180	80796	5.062	ug/L		98
68) 1,2,4-trichlorobenzene	13.83	180	63604	4.749	ug/L		99
69) Naphthalene	14.07	128	102950	3.713	ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	60435	4.734	ug/L		97

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

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