Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122120\
Data File : VU041725.D
Acq On : 22 Dec 2020 08:06
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Dec 22 08:40:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 22 05:59:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135587	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127236	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	69502	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	56328	5.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.20%			
7) Chloroethane-d5	1.92	69	53261	6.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 129.80%			
11) 1,1-Dichloroethene-d2	2.57	63	109371	5.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 112.00%			
20) 2-Butanone-d5	4.66	46	185388	60.89	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.78%			
24) Chloroform-d	5.08	84	107248	5.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 118.20%			
26) 1,2-Dichloroethane-d4	5.71	65	59770	5.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.00%			
32) Benzene-d6	5.74	84	210164	5.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.40%			
36) 1,2-Dichloropropane-d6	6.70	67	72440	6.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 126.80%			
41) Toluene-d8	7.90	98	194993	5.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.60%			
43) trans-1,3-Dichloropropene-	8.18	79	30363	5.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 118.20%			
46) 2-Hexanone-d5	8.64	63	173043	61.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 123.26%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	65047	6.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 125.40%#			
64) 1,2-Dichlorobenzene-d4	12.19	152	74021	5.99	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 119.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	59843	5.210	ug/L	100
3) Chloromethane	1.53	50	53353	4.781	ug/L	99
5) Vinyl chloride	1.61	62	66974	5.435	ug/L	99
6) Bromomethane	1.86	94	40558	5.264	ug/L	99
8) Chloroethane	1.94	64	42834	5.117	ug/L	99
9) Trichlorofluoromethane	2.14	101	96438	6.183	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	56474	6.055	ug/L	98
12) 1,1-Dichloroethene	2.59	96	52575	5.716	ug/L	93
13) Acetone	2.66	43	101117	52.209	ug/L	99
14) Carbon disulfide	2.80	76	151309	4.760	ug/L	98
15) Methyl Acetate	2.97	43	23392	4.646	ug/L	91
16) Methylene chloride	3.06	84	57667	5.250	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	131059	5.340	ug/L	98
18) trans-1,2-Dichloroethene	3.36	96	50749	5.334	ug/L	94
19) 1,1-Dichloroethane	3.88	63	92428	5.198	ug/L	97
21) 2-Butanone	4.74	43	161347	51.145	ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	56843	5.406	ug/L	94

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Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 22 05:59:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	27759	5.747	ug/L		93
25) Chloroform	5.10	83	97758	5.459	ug/L		100
27) 1,2-Dichloroethane	5.81	62	64694	5.335	ug/L		100
29) 1,1,1-Trichloroethane	5.33	97	83071	5.685	ug/L		97
30) Cyclohexane	5.40	56	78800	4.812	ug/L		90
31) Carbon tetrachloride	5.54	117	73272	5.799	ug/L		99
33) Benzene	5.78	78	213704	5.252	ug/L		100
34) Trichloroethene	6.55	95	59688	5.837	ug/L		98
35) Methylcyclohexane	6.77	83	89873	5.437	ug/L		98
37) 1,2-Dichloropropane	6.80	63	60471	5.810	ug/L		98
38) Bromodichloromethane	7.11	83	73234	5.656	ug/L		95
39) cis-1,3-Dichloropropene	7.61	75	81815	5.305	ug/L		99
40) 4-Methyl-2-pentanone	7.80	43	378875	51.156	ug/L		96
42) Toluene	7.97	91	230665	5.491	ug/L		100
44) trans-1,3-Dichloropropene	8.21	75	76766	5.566	ug/L		94
45) 1,1,2-Trichloroethane	8.40	97	45044	5.852	ug/L		97
47) Tetrachloroethene	8.56	164	43066	6.016	ug/L		97
48) 2-Hexanone	8.69	43	291403	54.063	ug/L		97
49) Dibromochloromethane	8.81	129	52844	5.977	ug/L		99
50) 1,2-Dibromoethane	8.92	107	43563	5.721	ug/L		96
51) Chlorobenzene	9.45	112	147282	5.640	ug/L		95
52) Ethylbenzene	9.57	91	239817	5.361	ug/L		96
53) m,p-Xylene	9.69	106	94804	5.682	ug/L		94
54) o-Xylene	10.10	106	92532	5.662	ug/L		95
55) Styrene	10.11	104	157941	5.595	ug/L		97
56) Isopropylbenzene	10.48	105	244773	5.627	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	60358	5.635	ug/L		97
59) 1,2,3-Trichloropropane	10.82	75	43837	5.608	ug/L		100
61) Bromoform	10.29	173	32557	6.197	ug/L		98
62) 1,3-Dichlorobenzene	11.74	146	117050	5.507	ug/L		98
63) 1,4-Dichlorobenzene	11.83	146	114724	5.368	ug/L		99
65) 1,2-Dichlorobenzene	12.20	146	115413	5.545	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.99	75	10636	5.449	ug/L	#	83
67) 1,3,5-Trichlorobenzene	13.21	180	86245	5.345	ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	63792	4.711	ug/L		98
69) Naphthalene	14.07	128	115440	4.118	ug/L		98
70) 1,2,3-Trichlorobenzene	14.32	180	60327	4.675	ug/L		100

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

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