Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122220\
Data File : VU041727.D
Acq On : 22 Dec 2020 09:11
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Quant Time: Dec 23 04:00:23 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	150569	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	144637	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	73854	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	41188	3.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.00%			
7) Chloroethane-d5	1.92	69	45093	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.00%			
11) 1,1-Dichloroethene-d2	2.58	63	93185	4.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.00%			
20) 2-Butanone-d5	4.66	46	187858	55.56	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.12%			
24) Chloroform-d	5.08	84	100675	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
26) 1,2-Dichloroethane-d4	5.71	65	55005	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.74	84	188920	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
36) 1,2-Dichloropropane-d6	6.70	67	61712	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.90	98	172486	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
43) trans-1,3-Dichloropropene-	8.18	79	28077	4.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.20%			
46) 2-Hexanone-d5	8.64	63	173837	54.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.92%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	62178	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	65994	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	62501	4.900	ug/L	97
3) Chloromethane	1.52	50	56773	4.581	ug/L	98
5) Vinyl chloride	1.61	62	64987	4.749	ug/L	97
6) Bromomethane	1.86	94	48462	5.664	ug/L	99
8) Chloroethane	1.94	64	45152	4.858	ug/L	100
9) Trichlorofluoromethane	2.15	101	103632	5.983	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	58223	5.621	ug/L	97
12) 1,1-Dichloroethene	2.59	96	53876	5.275	ug/L	87
13) Acetone	2.67	43	100025	46.506	ug/L	96
14) Carbon disulfide	2.80	76	162419	4.601	ug/L	98
15) Methyl Acetate	2.97	43	24655	4.409	ug/L	94
16) Methylene chloride	3.06	84	61145	5.012	ug/L	91
17) Methyl tert-butyl Ether	3.38	73	143409	5.262	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	55448	5.248	ug/L	91
19) 1,1-Dichloroethane	3.88	63	99192	5.023	ug/L	97
21) 2-Butanone	4.74	43	181100	51.694	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	61675	5.282	ug/L	89

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Quant Time: Dec 23 04:00:23 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)
23) Bromochloromethane	4.99	128	30403	5.668	ug/L		89
25) Chloroform	5.10	83	106911	5.377	ug/L		96
27) 1,2-Dichloroethane	5.81	62	69350	5.150	ug/L		98
29) 1,1,1-Trichloroethane	5.33	97	88879	5.351	ug/L		98
30) Cyclohexane	5.40	56	85739	4.605	ug/L		91
31) Carbon tetrachloride	5.54	117	79119	5.509	ug/L		100
33) Benzene	5.79	78	233860	5.056	ug/L		100
34) Trichloroethene	6.55	95	60491	5.204	ug/L		95
35) Methylcyclohexane	6.77	83	92049	4.899	ug/L		99
37) 1,2-Dichloropropane	6.80	63	59661	5.043	ug/L		99
38) Bromodichloromethane	7.11	83	78159	5.310	ug/L		98
39) cis-1,3-Dichloropropene	7.61	75	87648	4.999	ug/L		99
40) 4-Methyl-2-pentanone	7.80	43	412971	49.051	ug/L		96
42) Toluene	7.97	91	250647	5.248	ug/L		100
44) trans-1,3-Dichloropropene	8.21	75	79150	5.048	ug/L		97
45) 1,1,2-Trichloroethane	8.40	97	48076	5.494	ug/L		97
47) Tetrachloroethene	8.56	164	46338	5.695	ug/L		96
48) 2-Hexanone	8.69	43	305343	49.834	ug/L	#	96
49) Dibromochloromethane	8.81	129	57240	5.695	ug/L		97
50) 1,2-Dibromoethane	8.93	107	47114	5.443	ug/L		100
51) Chlorobenzene	9.45	112	158725	5.347	ug/L		96
52) Ethylbenzene	9.57	91	256747	5.049	ug/L		97
53) m,p-Xylene	9.69	106	99762	5.260	ug/L		95
54) o-Xylene	10.10	106	97774	5.263	ug/L		99
55) Styrene	10.11	104	166361	5.184	ug/L		98
56) Isopropylbenzene	10.48	105	259790	5.254	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.78	83	64167	5.270	ug/L		98
59) 1,2,3-Trichloropropane	10.82	75	45725	5.146	ug/L		99
61) Bromoform	10.29	173	34385	6.159	ug/L		100
62) 1,3-Dichlorobenzene	11.74	146	123508	5.468	ug/L		97
63) 1,4-Dichlorobenzene	11.83	146	121205	5.337	ug/L		100
65) 1,2-Dichlorobenzene	12.20	146	120993	5.470	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.99	75	11314	5.454	ug/L		95
67) 1,3,5-Trichlorobenzene	13.21	180	91035	5.310	ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	70302	4.886	ug/L		98
69) Naphthalene	14.07	128	127371	4.276	ug/L		98
70) 1,2,3-Trichlorobenzene	14.32	180	67384	4.914	ug/L		99

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

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