Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041269.D
Acq On : 17 Nov 2020 10:03
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Quant Time: Nov 17 22:28:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	74267	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75860	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38874	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	24836	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.92	69	21508	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.58	63	52098	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.40%			
20) 2-Butanone-d5	4.65	46	100772	44.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.48%			
24) Chloroform-d	5.08	84	58182	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
26) 1,2-Dichloroethane-d4	5.72	65	33564	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
32) Benzene-d6	5.74	84	94994	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.70	67	34826	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.90	98	98432	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
43) trans-1,3-Dichloropropene-	8.18	79	14511	4.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.60%			
46) 2-Hexanone-d5	8.64	63	81196	50.12	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.24%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32859	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	36519	4.82	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	27760	4.529	ug/L	99
3) Chloromethane	1.53	50	30322	4.593	ug/L	96
5) Vinyl chloride	1.61	62	31733	4.922	ug/L	97
6) Bromomethane	1.86	94	13407	3.506	ug/L	99
8) Chloroethane	1.94	64	19600	4.580	ug/L	97
9) Trichlorofluoromethane	2.15	101	46278	4.608	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	25171	4.601	ug/L	97
12) 1,1-Dichloroethene	2.59	96	22462	4.646	ug/L	94
13) Acetone	2.66	43	62173	41.609	ug/L #	59
14) Carbon disulfide	2.81	76	64884	4.561	ug/L	100
15) Methyl Acetate	2.97	43	13813	4.450	ug/L	99
16) Methylene chloride	3.06	84	29435	4.856	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	58906	4.451	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	19869	4.220	ug/L	98
19) 1,1-Dichloroethane	3.89	63	46521	4.419	ug/L	97
21) 2-Butanone	4.73	43	95946	42.293	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	24542	4.615	ug/L	97

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00524

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	12600	4.779	ug/L		92
25) Chloroform	5.10	83	55829	4.890	ug/L		96
27) 1,2-Dichloroethane	5.81	62	38354	4.673	ug/L		95
29) 1,1,1-Trichloroethane	5.33	97	46112	4.973	ug/L		96
30) Cyclohexane	5.40	56	36137	4.717	ug/L		96
31) Carbon tetrachloride	5.54	117	39366	4.896	ug/L		99
33) Benzene	5.79	78	99535	4.842	ug/L		100
34) Trichloroethene	6.55	95	28356	5.104	ug/L		96
35) Methylcyclohexane	6.77	83	33902	4.593	ug/L		98
37) 1,2-Dichloropropane	6.80	63	29785	4.957	ug/L		98
38) Bromodichloromethane	7.11	83	38732	4.931	ug/L	#	99
39) cis-1,3-Dichloropropene	7.61	75	41096	4.903	ug/L		96
40) 4-Methyl-2-pentanone	7.80	43	243306	48.928	ug/L		99
42) Toluene	7.97	91	113145	5.150	ug/L		99
44) trans-1,3-Dichloropropene	8.21	75	38165	4.814	ug/L		98
45) 1,1,2-Trichloroethane	8.40	97	22789	4.904	ug/L		96
47) Tetrachloroethene	8.56	164	19944	4.858	ug/L		94
48) 2-Hexanone	8.69	43	181069	48.778	ug/L		99
49) Dibromochloromethane	8.81	129	28086	5.100	ug/L		97
50) 1,2-Dibromoethane	8.93	107	21286	4.937	ug/L	#	100
51) Chlorobenzene	9.45	112	73749	5.068	ug/L		94
52) Ethylbenzene	9.57	91	117822	5.022	ug/L		100
53) m,p-Xylene	9.69	106	45087	5.317	ug/L		94
54) o-Xylene	10.10	106	43167	5.285	ug/L		97
55) Styrene	10.11	104	76373	5.281	ug/L		99
56) Isopropylbenzene	10.48	105	118387	5.472	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.78	83	30380	5.001	ug/L		95
59) 1,2,3-Trichloropropane	10.82	75	23105	4.876	ug/L		98
61) Bromoform	10.29	173	16635	4.673	ug/L		99
62) 1,3-Dichlorobenzene	11.74	146	59751	5.108	ug/L		98
63) 1,4-Dichlorobenzene	11.83	146	60100	4.986	ug/L		99
65) 1,2-Dichlorobenzene	12.21	146	57341	4.928	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.99	75	5554	5.142	ug/L		91
67) 1,3,5-Trichlorobenzene	13.21	180	40933	4.913	ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	34547	4.992	ug/L		96
69) Naphthalene	14.08	128	57077	5.094	ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	33259	5.175	ug/L		96

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

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