Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120920\
Data File : VU041504.D
Acq On : 09 Dec 2020 10:07
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00507

Quant Time: Dec 10 04:41:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 08 17:39:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	49549	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	45512	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26299	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	11127	4.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%			
7) Chloroethane-d5	1.92	69	11031	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	2.58	63	26832	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.00%			
20) 2-Butanone-d5	4.65	46	41571	43.56	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.12%			
24) Chloroform-d	5.08	84	36447	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
26) 1,2-Dichloroethane-d4	5.72	65	23253	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.74	84	51971	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
36) 1,2-Dichloropropane-d6	6.70	67	14451	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.90	98	47428	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
43) trans-1,3-Dichloropropene-	8.18	79	9084	5.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.40%			
46) 2-Hexanone-d5	8.64	63	31865	43.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.18%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	14659	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	22549	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	21361	4.869	ug/L	100
3) Chloromethane	1.53	50	12505	4.410	ug/L	97
5) Vinyl chloride	1.61	62	15501	4.585	ug/L	95
6) Bromomethane	1.86	94	12044	5.153	ug/L	96
8) Chloroethane	1.94	64	10620	4.829	ug/L	95
9) Trichlorofluoromethane	2.15	101	40019	5.313	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	16151	4.784	ug/L	98
12) 1,1-Dichloroethene	2.59	96	12794	4.411	ug/L	86
13) Acetone	2.66	43	31733	42.711	ug/L	97
14) Carbon disulfide	2.81	76	38929	4.354	ug/L	99
15) Methyl Acetate	2.96	43	5828	4.287	ug/L	97
16) Methylene chloride	3.06	84	14736	3.806	ug/L	91
17) Methyl tert-butyl Ether	3.38	73	40422	4.593	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	15363	5.244	ug/L	95
19) 1,1-Dichloroethane	3.89	63	27582	5.096	ug/L	98
21) 2-Butanone	4.73	43	40491	43.555	ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	16804	5.173	ug/L	96

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Data File : VU041504.D
Acq On : 09 Dec 2020 10:07
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00507

Quant Time: Dec 10 04:41:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 08 17:39:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	8841	5.207	ug/L		97
25) Chloroform	5.10	83	35712	5.179	ug/L		98
27) 1,2-Dichloroethane	5.81	62	27433	5.090	ug/L		97
29) 1,1,1-Trichloroethane	5.33	97	35850	5.497	ug/L		99
30) Cyclohexane	5.40	56	20145	4.912	ug/L		92
31) Carbon tetrachloride	5.54	117	33637	5.569	ug/L		98
33) Benzene	5.79	78	59564	5.287	ug/L		100
34) Trichloroethene	6.55	95	18123	5.330	ug/L		97
35) Methylcyclohexane	6.77	83	24547	5.293	ug/L		97
37) 1,2-Dichloropropane	6.80	63	13238	5.015	ug/L		98
38) Bromodichloromethane	7.11	83	24346	5.048	ug/L		98
39) cis-1,3-Dichloropropene	7.61	75	22425	4.702	ug/L		97
40) 4-Methyl-2-pentanone	7.80	43	91821	43.413	ug/L		98
42) Toluene	7.97	91	64417	5.081	ug/L		99
44) trans-1,3-Dichloropropene	8.21	75	23248	4.881	ug/L		100
45) 1,1,2-Trichloroethane	8.40	97	11799	4.635	ug/L		97
47) Tetrachloroethene	8.56	164	13942	5.192	ug/L		97
48) 2-Hexanone	8.69	43	72333	42.560	ug/L		99
49) Dibromochloromethane	8.81	129	17560	5.063	ug/L		95
50) 1,2-Dibromoethane	8.92	107	12025	4.682	ug/L	#	89
51) Chlorobenzene	9.45	112	42347	5.012	ug/L		99
52) Ethylbenzene	9.57	91	71485	4.920	ug/L		97
53) m,p-Xylene	9.69	106	26652	5.053	ug/L		96
54) o-Xylene	10.10	106	25818	5.049	ug/L		97
55) Styrene	10.11	104	46455	5.350	ug/L		94
56) Isopropylbenzene	10.48	105	73970	5.124	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.78	83	14131	4.519	ug/L		98
59) 1,2,3-Trichloropropane	10.82	75	11540	4.505	ug/L		99
61) Bromoform	10.29	173	10234	4.631	ug/L		96
62) 1,3-Dichlorobenzene	11.74	146	38520	5.197	ug/L		98
63) 1,4-Dichlorobenzene	11.83	146	38583	5.078	ug/L		94
65) 1,2-Dichlorobenzene	12.21	146	35546	4.844	ug/L		94
66) 1,2-Dibromo-3-chloropropan	12.99	75	3511	4.885	ug/L		98
67) 1,3,5-Trichlorobenzene	13.21	180	29071	4.909	ug/L		98
68) 1,2,4-trichlorobenzene	13.83	180	23115	4.876	ug/L		99
69) Naphthalene	14.08	128	33631	4.515	ug/L		98
70) 1,2,3-Trichlorobenzene	14.32	180	23148	5.518	ug/L		99

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

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