Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110220\
Data File : VU041042.D
Acq On : 02 Nov 2020 10:52
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Nov 03 00:41:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 02 17:44:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54020	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54524	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28063	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	21906	4.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.60%			
7) Chloroethane-d5	1.92	69	15637	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.60%			
11) 1,1-Dichloroethene-d2	2.58	63	41713	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	4.64	46	89189	59.68	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.36%			
24) Chloroform-d	5.08	84	40704	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
26) 1,2-Dichloroethane-d4	5.72	65	26029	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
32) Benzene-d6	5.74	84	75761	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.00%			
36) 1,2-Dichloropropane-d6	6.70	67	24848	5.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.60%			
41) Toluene-d8	7.90	98	69545	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
43) trans-1,3-Dichloropropene-	8.18	79	11351	5.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.20%			
46) 2-Hexanone-d5	8.64	63	66727	60.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.44%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24345	5.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	25191	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	23065	4.677	ug/L	99
3) Chloromethane	1.53	50	23047	4.482	ug/L	100
5) Vinyl chloride	1.61	62	23466	4.625	ug/L	96
6) Bromomethane	1.87	94	12256	4.215	ug/L	99
8) Chloroethane	1.94	64	12783	3.977	ug/L	97
9) Trichlorofluoromethane	2.15	101	33079	4.797	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	19417	4.805	ug/L	96
12) 1,1-Dichloroethene	2.59	96	16800	4.403	ug/L	99
13) Acetone	2.65	43	56778	55.569	ug/L #	57
14) Carbon disulfide	2.81	76	54586	4.281	ug/L	100
15) Methyl Acetate	2.96	43	13359	5.714	ug/L	92
16) Methylene chloride	3.06	84	21060	4.737	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	50437	5.136	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	17752	4.578	ug/L	99
19) 1,1-Dichloroethane	3.89	63	37866	4.884	ug/L	98
21) 2-Butanone	4.72	43	92110	57.679	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	19818	4.955	ug/L	94

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 02 17:44:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	9962	5.279 ug/L	96
25) Chloroform	5.11	83	38742	4.983 ug/L	99
27) 1,2-Dichloroethane	5.81	62	29769	5.141 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	32256	4.837 ug/L	97
30) Cyclohexane	5.40	56	31060	4.727 ug/L	99
31) Carbon tetrachloride	5.54	117	28923	4.898 ug/L	99
33) Benzene	5.79	78	79360	4.871 ug/L	100
34) Trichloroethene	6.55	95	20893	5.039 ug/L	96
35) Methylcyclohexane	6.77	83	29474	4.766 ug/L	99
37) 1,2-Dichloropropane	6.80	63	22176	5.031 ug/L #	96
38) Bromodichloromethane	7.11	83	27916	4.882 ug/L	94
39) cis-1,3-Dichloropropene	7.61	75	31305	5.158 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	211393	60.143 ug/L	97
42) Toluene	7.98	91	83376	5.047 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	30302	5.335 ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	17265	5.261 ug/L	96
47) Tetrachloroethene	8.56	164	14495	4.755 ug/L	95
48) 2-Hexanone	8.69	43	159841	60.395 ug/L	98
49) Dibromochloromethane	8.81	129	19782	5.191 ug/L	99
50) 1,2-Dibromoethane	8.93	107	16512	5.280 ug/L	97
51) Chlorobenzene	9.45	112	50230	4.795 ug/L	99
52) Ethylbenzene	9.57	91	87616	5.039 ug/L	100
53) m,p-Xylene	9.69	106	32671	5.152 ug/L	100
54) o-Xylene	10.10	106	30924	5.236 ug/L	96
55) Styrene	10.11	104	55320	5.257 ug/L	100
56) Isopropylbenzene	10.48	105	84770	5.337 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	23497	5.452 ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	19161	5.832 ug/L	95
61) Bromoform	10.29	173	11651	5.387 ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	41638	5.140 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	42350	5.048 ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	40449	5.060 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	4362	5.568 ug/L	97
67) 1,3,5-Trichlorobenzene	13.21	180	28688	5.064 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	22842	4.867 ug/L	96
69) Naphthalene	14.08	128	42558	5.071 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	22141	5.119 ug/L	97

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

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