Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017143.D
Acq On : 25 Jun 2020 21:36
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 26 05:09:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 01:31:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	168498	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	165335	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	88108	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	51878	5.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.60%			
7) Chloroethane-d5	1.58	69	39067	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.20%			
11) 1,1-Dichloroethene-d2	2.12	63	98432	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.20%			
20) 2-Butanone-d5	3.96	46	109844m	42.62	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.24%			
24) Chloroform-d	4.38	84	113980	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.40%			
26) 1,2-Dichloroethane-d4	5.06	65	58749	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
32) Benzene-d6	5.07	84	209434	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
36) 1,2-Dichloropropane-d6	6.10	67	58760	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	7.34	98	197062	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
45) trans-1,3-Dichloropropene-	7.64	79	24547	4.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.80%			
48) 2-Hexanone-d5	8.11	63	93028	45.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.30%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44288	5.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	73451	4.51	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	68503	5.093	ug/L	100
3) Chloromethane	1.25	50	56758	4.979	ug/L	99
5) Vinyl chloride	1.32	62	54668	4.944	ug/L	97
6) Bromomethane	1.53	94	30162	4.680	ug/L	99
8) Chloroethane	1.60	64	31035	5.079	ug/L	100
9) Trichlorofluoromethane	1.77	101	98544	5.504	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	46160	5.172	ug/L	99
12) 1,1-Dichloroethene	2.14	96	42052	5.200	ug/L	87
13) Acetone	2.24	43	59383	45.578	ug/L	70
14) Carbon disulfide	2.31	76	117240	4.839	ug/L	98
15) Methyl Acetate	2.46	43	14182	4.452	ug/L	99
16) Methylene chloride	2.52	84	42080	4.859	ug/L	100
17) Methyl tert-butyl Ether	2.79	73	105061	5.174	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	45523	5.312	ug/L	95
19) 1,1-Dichloroethane	3.21	63	105115	5.459	ug/L	98
21) 2-Butanone	4.05	43	113150	46.071	ug/L #	66
22) cis-1,2-Dichloroethene	3.94	96	59614	5.087	ug/L	97

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ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
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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	4.27	128	27177	5.457 ug/L	98
25) Chloroform	4.41	83	114163	5.428 ug/L	99
27) 1,2-Dichloroethane	5.16	62	68322	5.229 ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	103630	5.232 ug/L	99
30) Cyclohexane	4.70	56	86882	4.609 ug/L	97
31) Carbon tetrachloride	4.85	117	93510	5.232 ug/L	98
33) Benzene	5.12	78	225795	5.215 ug/L	100
34) Trichloroethene	5.94	95	61515	4.852 ug/L	96
35) Methylcyclohexane	6.15	83	90306	4.582 ug/L	99
37) 1,2-Dichloropropane	6.20	63	52532	4.901 ug/L	99
38) Bromodichloromethane	6.53	83	76575	5.260 ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	76447	4.801 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	308278	49.814 ug/L	100
42) Toluene	7.41	91	247854	4.924 ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	226308	5.027 ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	236557	5.161 ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	66802	4.850 ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	38855	5.111 ug/L	97
49) Tetrachloroethene	8.00	164	51643	5.061 ug/L	98
50) 2-Hexanone	8.16	43	219307	49.796 ug/L	99
51) Dibromochloromethane	8.27	129	49604	5.383 ug/L	99
52) 1,2-Dibromoethane	8.37	107	35939	4.985 ug/L	98
53) Chlorobenzene	8.90	112	160676	5.120 ug/L	99
54) Ethylbenzene	9.03	91	272028	5.063 ug/L	99
55) m,p-xylene	9.16	106	102542	4.866 ug/L	97
56) o-xylene	9.56	106	96823	4.923 ug/L	99
57) Styrene	9.58	104	172485	5.293 ug/L	98
58) Isopropylbenzene	9.95	105	277649	5.130 ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	44038	5.600 ug/L	99
62) Bromoform	9.75	173	26819	5.689 ug/L	96
63) 1,3-Dichlorobenzene	11.20	146	134205	5.060 ug/L	97
64) 1,4-Dichlorobenzene	11.29	146	134555	4.991 ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	124389	5.167 ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	7295	5.479 ug/L	94
68) 1,3,5-Trichlorobenzene	12.67	180	101532	4.764 ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	84389	4.810 ug/L	99
70) Naphthalene	13.52	128	122468	4.944 ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	76442	5.342 ug/L	98

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

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