Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042820\
Data File : VV015743.D
Acq On : 28 Apr 2020 10:24
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00544

Quant Time: Apr 29 00:37:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 28 02:16:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	131382	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	127025	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	65447	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	27041	3.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.80%			
7) Chloroethane-d5	1.58	69	29730	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.80%			
11) 1,1-Dichloroethene-d2	2.12	63	70224	4.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.40%			
20) 2-Butanone-d5	3.94	46	118517	53.76	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.52%			
24) Chloroform-d	4.37	84	79591	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.06	65	46689	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
32) Benzene-d6	5.07	84	146367	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.09	67	47090	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.20%			
41) Toluene-d8	7.33	98	138092	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
43) trans-1,3-Dichloropropene-	7.64	79	16205	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%			
46) 2-Hexanone-d5	8.11	63	93082	50.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.90%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	37196	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	11.65	152	52383	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	58238	5.175	ug/L	99
3) Chloromethane	1.25	50	53254	5.470	ug/L	98
5) Vinyl chloride	1.32	62	54447	5.236	ug/L	100
6) Bromomethane	1.53	94	23171	5.190	ug/L	99
8) Chloroethane	1.59	64	34986	5.123	ug/L	98
9) Trichlorofluoromethane	1.76	101	79466	5.446	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	43561	5.277	ug/L	97
12) 1,1-Dichloroethene	2.13	96	39920	5.221	ug/L	92
13) Acetone	2.22	43	78397	51.212	ug/L	99
14) Carbon disulfide	2.30	76	109969	5.087	ug/L	99
15) Methyl Acetate	2.46	43	20051	5.508	ug/L	99
16) Methylene chloride	2.52	84	49969	5.293	ug/L	100
17) Methyl tert-butyl Ether	2.79	73	115000	5.358	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	45597	5.326	ug/L	98
19) 1,1-Dichloroethane	3.21	63	91136	5.421	ug/L	99
21) 2-Butanone	4.02	43	123940	52.489	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	48979	5.174	ug/L	98

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00544

Quant Time: Apr 29 00:37:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 28 02:16:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	21517	5.565 ug/L	97
25) Chloroform	4.40	83	100335	5.622 ug/L	97
27) 1,2-Dichloroethane	5.15	62	63492	5.415 ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	86102	5.345 ug/L	99
30) Cyclohexane	4.70	56	76587	4.976 ug/L	99
31) Carbon tetrachloride	4.85	117	71058	5.326 ug/L	97
33) Benzene	5.12	78	192568	5.306 ug/L	100
34) Trichloroethene	5.94	95	51408	5.129 ug/L	97
35) Methylcyclohexane	6.15	83	74268	4.828 ug/L	99
37) 1,2-Dichloropropane	6.20	63	49412	5.356 ug/L	100
38) Bromodichloromethane	6.53	83	62302	5.319 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	60374	4.695 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	313530	52.369 ug/L	99
42) Toluene	7.41	91	205065	5.288 ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	51676	4.782 ug/L	96
45) 1,1,2-Trichloroethane	7.86	97	33262	5.290 ug/L	99
47) Tetrachloroethene	8.00	164	36088	5.001 ug/L	98
48) 2-Hexanone	8.16	43	226590	53.073 ug/L	99
49) Dibromochloromethane	8.27	129	36373	5.590 ug/L	98
50) 1,2-Dibromoethane	8.37	107	31269	5.378 ug/L	96
51) Chlorobenzene	8.90	112	131503	5.177 ug/L	98
52) Ethylbenzene	9.03	91	229301	5.110 ug/L	99
53) m,p-xylene	9.16	106	86928	5.288 ug/L	98
54) o-xylene	9.56	106	82819	5.207 ug/L	100
55) Styrene	9.58	104	143593	5.321 ug/L	100
56) Isopropylbenzene	9.95	105	226601	5.078 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	39178	5.336 ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	30473	5.174 ug/L	96
61) Bromoform	9.75	173	15534	5.750 ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	104043	5.023 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	105161	5.034 ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	97727	5.217 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	6397	5.241 ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	73772	4.819 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	63606	4.515 ug/L	97
69) Naphthalene	13.53	128	110294	4.374 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	59205	4.762 ug/L	99

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

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