Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050620\
Data File : VV015904.D
Acq On : 06 May 2020 10:00
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00557

Quant Time: May 07 01:57:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 06 12:58:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	161373	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	158375	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	79701	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	46534	4.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.80%			
7) Chloroethane-d5	1.57	69	41161	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.20%			
11) 1,1-Dichloroethene-d2	2.12	63	96175	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.40%			
20) 2-Butanone-d5	3.95	46	127944	49.72	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.44%			
24) Chloroform-d	4.37	84	98984	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
26) 1,2-Dichloroethane-d4	5.06	65	55300	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.07	84	192212	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.09	67	57493	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.33	98	181732	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
43) trans-1,3-Dichloropropene-	7.64	79	23586	4.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.20%			
46) 2-Hexanone-d5	8.11	63	104422	49.60	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.20%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	41817	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	64205	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	65969	5.107	ug/L	99
3) Chloromethane	1.24	50	64456	5.008	ug/L	99
5) Vinyl chloride	1.32	62	61055	4.949	ug/L	98
6) Bromomethane	1.53	94	33879	4.958	ug/L	100
8) Chloroethane	1.59	64	37843	5.043	ug/L	97
9) Trichlorofluoromethane	1.76	101	83682	5.039	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	46764	4.938	ug/L	99
12) 1,1-Dichloroethene	2.13	96	44535	4.922	ug/L	84
13) Acetone	2.24	43	83599	52.764	ug/L	91
14) Carbon disulfide	2.30	76	153091	5.189	ug/L	99
15) Methyl Acetate	2.46	43	19834	5.380	ug/L	98
16) Methylene chloride	2.52	84	51696	4.057	ug/L	97
17) Methyl tert-butyl Ether	2.79	73	118958	4.963	ug/L	99
18) trans-1,2-Dichloroethene	2.77	96	51463	5.062	ug/L	98
19) 1,1-Dichloroethane	3.21	63	97987	5.049	ug/L	99
21) 2-Butanone	4.03	43	131977	49.857	ug/L	98
22) cis-1,2-Dichloroethene	3.93	96	53534	5.053	ug/L	98

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Acq On : 06 May 2020 10:00
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00557

Quant Time: May 07 01:57:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 06 12:58:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.27	128	22371	5.061 ug/L		96
25) Chloroform	4.40	83	103162	4.884 ug/L		100
27) 1,2-Dichloroethane	5.15	62	64903	4.960 ug/L		99
29) 1,1,1-Trichloroethane	4.63	97	92039	5.094 ug/L		100
30) Cyclohexane	4.69	56	90572	4.898 ug/L		99
31) Carbon tetrachloride	4.85	117	79359	5.114 ug/L		97
33) Benzene	5.12	78	208885	5.032 ug/L		100
34) Trichloroethene	5.93	95	55908	4.951 ug/L		95
35) Methylcyclohexane	6.15	83	89504	4.844 ug/L		98
37) 1,2-Dichloropropane	6.19	63	53116	5.118 ug/L		99
38) Bromodichloromethane	6.53	83	65322	5.025 ug/L		98
39) cis-1,3-Dichloropropene	7.05	75	74571	5.107 ug/L		100
40) 4-Methyl-2-pentanone	7.25	43	330640	49.912 ug/L		100
42) Toluene	7.41	91	220958	5.003 ug/L		98
44) trans-1,3-Dichloropropene	7.67	75	63111	5.107 ug/L		100
45) 1,1,2-Trichloroethane	7.86	97	34820	4.978 ug/L		99
47) Tetrachloroethene	7.99	164	41510	4.929 ug/L		99
48) 2-Hexanone	8.16	43	236695	51.192 ug/L		99
49) Dibromochloromethane	8.27	129	38481	5.098 ug/L		98
50) 1,2-Dibromoethane	8.37	107	32110	4.865 ug/L		95
51) Chlorobenzene	8.90	112	139021	4.918 ug/L		97
52) Ethylbenzene	9.03	91	246733	4.909 ug/L		99
53) m,p-xylene	9.16	106	93562	4.973 ug/L		99
54) o-xylene	9.56	106	88991	4.974 ug/L		99
55) Styrene	9.58	104	153270	5.124 ug/L		100
56) Isopropylbenzene	9.95	105	246807	5.016 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.26	83	39311	4.879 ug/L	#	96
59) 1,2,3-Trichloropropane	10.30	75	31511	4.955 ug/L		99
61) Bromoform	9.75	173	17764	5.223 ug/L		98
62) 1,3-Dichlorobenzene	11.20	146	112618	5.003 ug/L		99
63) 1,4-Dichlorobenzene	11.30	146	111243	4.986 ug/L		98
65) 1,2-Dichlorobenzene	11.67	146	102422	5.019 ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.45	75	7248	5.113 ug/L		89
67) 1,3,5-Trichlorobenzene	12.67	180	83375	4.978 ug/L		99
68) 1,2,4-trichlorobenzene	13.29	180	70240	4.987 ug/L		99
69) Naphthalene	13.53	128	117935	4.952 ug/L		99
70) 1,2,3-Trichlorobenzene	13.77	180	62948	4.989 ug/L		99

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

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