Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041020\
Data File : VV015449.D
Acq On : 10 Apr 2020 12:48
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00542

Quant Time: Apr 11 04:45:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 10 12:58:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	122590	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.87	117	117135	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60272	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	40377	6.35	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 127.00%				
7) Chloroethane-d5	1.58	69	33745	5.76	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.20%				
11) 1,1-Dichloroethene-d2	2.12	63	76538	5.71	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 114.20%				
20) 2-Butanone-d5	3.93	46	87098	48.77	ug/L		-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.54%				
24) Chloroform-d	4.37	84	70668	5.02	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%				
26) 1,2-Dichloroethane-d4	5.06	65	37415	4.93	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%				
32) Benzene-d6	5.07	84	137838	5.30	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.00%				
36) 1,2-Dichloropropane-d6	6.09	67	41213	5.09	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.80%				
41) Toluene-d8	7.33	98	133053	5.36	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.20%				
43) trans-1,3-Dichloropropene-	7.64	79	18199	5.17	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.40%				
46) 2-Hexanone-d5	8.11	63	58295	34.34	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 68.68%				
57) 1,1,2,2-Tetrachloroethane-	10.23	84	29854	4.65	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.00%				
64) 1,2-Dichlorobenzene-d4	11.65	152	46112	4.77	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	59530	4.906	ug/L		99
3) Chloromethane	1.25	50	54600	4.725	ug/L		100
5) Vinyl chloride	1.32	62	53778	4.833	ug/L		100
6) Bromomethane	1.53	94	31495	5.122	ug/L		99
8) Chloroethane	1.60	64	32665	5.062	ug/L		99
9) Trichlorofluoromethane	1.77	101	73030	5.130	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	42188	5.247	ug/L		98
12) 1,1-Dichloroethene	2.13	96	38325	4.980	ug/L		93
13) Acetone	2.21	43	78381	62.118	ug/L	#	54
14) Carbon disulfide	2.31	76	122541	4.568	ug/L		100
15) Methyl Acetate	2.46	43	17463	4.678	ug/L		97
16) Methylene chloride	2.52	84	46030	5.106	ug/L		97
17) Methyl tert-butyl Ether	2.79	73	102656	4.991	ug/L		99
18) trans-1,2-Dichloroethene	2.78	96	42370	4.886	ug/L		99
19) 1,1-Dichloroethane	3.21	63	82655	5.056	ug/L		97
21) 2-Butanone	4.01	43	111510	54.686	ug/L	#	71
22) cis-1,2-Dichloroethene	3.94	96	45653	5.071	ug/L		92

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

Instrument : MSVOA_V
ClientSampleId : VSTD00542

Quant Time: Apr 11 04:45:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.27	128	18837	5.028 ug/L		97
25) Chloroform	4.40	83	85201	5.093 ug/L		99
27) 1,2-Dichloroethane	5.15	62	53292	4.927 ug/L		99
29) 1,1,1-Trichloroethane	4.63	97	76059	5.005 ug/L		99
30) Cyclohexane	4.70	56	78038	4.837 ug/L		98
31) Carbon tetrachloride	4.85	117	65626	4.961 ug/L		99
33) Benzene	5.12	78	174860	4.988 ug/L		100
34) Trichloroethene	5.94	95	46978	4.978 ug/L		98
35) Methylcyclohexane	6.15	83	79336	4.990 ug/L		99
37) 1,2-Dichloropropane	6.20	63	43899	5.049 ug/L		98
38) Bromodichloromethane	6.53	83	57182	4.931 ug/L		95
39) cis-1,3-Dichloropropene	7.05	75	67263	5.041 ug/L		99
40) 4-Methyl-2-pentanone	7.25	43	263078	46.076 ug/L		99
42) Toluene	7.41	91	190731	5.011 ug/L		98
44) trans-1,3-Dichloropropene	7.67	75	56492	5.007 ug/L		96
45) 1,1,2-Trichloroethane	7.86	97	28842	4.934 ug/L		98
47) Tetrachloroethene	7.99	164	34814	4.980 ug/L		98
48) 2-Hexanone	8.16	43	184862	46.339 ug/L		97
49) Dibromochloromethane	8.26	129	35051	5.006 ug/L		98
50) 1,2-Dibromoethane	8.37	107	27157	4.848 ug/L	#	100
51) Chlorobenzene	8.90	112	121590	5.012 ug/L		99
52) Ethylbenzene	9.03	91	224197	5.117 ug/L		100
53) m,p-xylene	9.16	106	83185	5.027 ug/L		99
54) o-xylene	9.56	106	80079	5.000 ug/L		98
55) Styrene	9.58	104	134548	4.998 ug/L		99
56) Isopropylbenzene	9.95	105	221589	5.046 ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.26	83	34524	4.853 ug/L		99
59) 1,2,3-Trichloropropane	10.29	75	26217	4.876 ug/L		99
61) Bromoform	9.75	173	17073	4.830 ug/L		98
62) 1,3-Dichlorobenzene	11.20	146	97120	4.998 ug/L		97
63) 1,4-Dichlorobenzene	11.29	146	97067	4.909 ug/L		98
65) 1,2-Dichlorobenzene	11.67	146	87683	4.949 ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.45	75	6328	4.668 ug/L		89
67) 1,3,5-Trichlorobenzene	12.67	180	70361	5.011 ug/L		99
68) 1,2,4-trichlorobenzene	13.28	180	60837	4.810 ug/L		99
69) Naphthalene	13.52	128	92726	3.891 ug/L		99
70) 1,2,3-Trichlorobenzene	13.77	180	51117	4.575 ug/L		99

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

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