Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042020\
Data File : VV015590.D
Acq On : 20 Apr 2020 18:48
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00554

Quant Time: Apr 21 00:12:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 21 00:05:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	99695	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	94573	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	49424	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	22327	4.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.20%			
7) Chloroethane-d5	1.57	69	21624	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.12	63	51835	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.20%			
20) 2-Butanone-d5	3.95	46	77979	53.69	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.38%			
24) Chloroform-d	4.38	84	55619	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.06	65	30849	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.07	84	99278	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.09	67	31393	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.34	98	93072	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
43) trans-1,3-Dichloropropene-	7.64	79	12078	4.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.00%			
46) 2-Hexanone-d5	8.11	63	66226	48.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.64%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	24444	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.20%			
64) 1,2-Dichlorobenzene-d4	11.65	152	35193	4.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	47382	4.802	ug/L	98
3) Chloromethane	1.24	50	42868	4.562	ug/L	98
5) Vinyl chloride	1.32	62	43571	4.815	ug/L	100
6) Bromomethane	1.53	94	21698	4.339	ug/L	100
8) Chloroethane	1.59	64	26958	5.137	ug/L	99
9) Trichlorofluoromethane	1.76	101	61272	5.293	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	33874	5.180	ug/L	98
12) 1,1-Dichloroethene	2.13	96	31791	5.080	ug/L	95
13) Acetone	2.23	43	61215	59.655	ug/L #	64
14) Carbon disulfide	2.30	76	88784	4.069	ug/L	100
15) Methyl Acetate	2.46	43	15117	4.979	ug/L	92
16) Methylene chloride	2.52	84	36166	4.933	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	90132	5.389	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	35583	5.046	ug/L	98
19) 1,1-Dichloroethane	3.21	63	70758	5.323	ug/L	97
21) 2-Butanone	4.04	43	98109	59.164	ug/L #	71
22) cis-1,2-Dichloroethene	3.94	96	38729	5.289	ug/L	97

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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00554

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 21 00:05:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	16261	5.338 ug/L	97
25) Chloroform	4.40	83	72839	5.354 ug/L	99
27) 1,2-Dichloroethane	5.16	62	49434	5.620 ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	65632	5.349 ug/L	100
30) Cyclohexane	4.70	56	63622	4.884 ug/L	98
31) Carbon tetrachloride	4.85	117	53088	4.971 ug/L	99
33) Benzene	5.13	78	148436	5.244 ug/L	100
34) Trichloroethene	5.94	95	41273	5.417 ug/L	98
35) Methylcyclohexane	6.15	83	62207	4.846 ug/L	99
37) 1,2-Dichloropropane	6.20	63	38055	5.421 ug/L	99
38) Bromodichloromethane	6.53	83	47430	5.066 ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	51673	4.796 ug/L	96
40) 4-Methyl-2-pentanone	7.25	43	251620	54.583 ug/L	99
42) Toluene	7.41	91	159995	5.206 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	43245	4.747 ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	26095	5.530 ug/L	98
47) Tetrachloroethene	8.00	164	29362	5.202 ug/L	100
48) 2-Hexanone	8.16	43	179011	55.577 ug/L	99
49) Dibromochloromethane	8.27	129	26246	4.643 ug/L	98
50) 1,2-Dibromoethane	8.38	107	24358	5.386 ug/L	100
51) Chlorobenzene	8.90	112	101454	5.179 ug/L	99
52) Ethylbenzene	9.03	91	183144	5.177 ug/L	99
53) m,p-xylene	9.16	106	67949	5.086 ug/L	99
54) o-xylene	9.57	106	65801	5.088 ug/L	99
55) Styrene	9.58	104	112045	5.155 ug/L	97
56) Isopropylbenzene	9.95	105	181305	5.114 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	30860	5.373 ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	23904	5.507 ug/L	99
61) Bromoform	9.75	173	10561	3.643 ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	82060	5.150 ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	82655	5.097 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	74996	5.162 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	5115	4.601 ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	59531	5.170 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	54860	5.289 ug/L	98
69) Naphthalene	13.53	128	97580	4.993 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	48857	5.332 ug/L	98

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

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