Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008707.D
Acq On : 21 Nov 2018 18:18
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00577

Quant Time: Nov 22 00:42:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 22 00:36:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	170271	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	156703	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75659	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	37132	4.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.20%			
7) Chloroethane-d5	1.59	69	28370	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	2.14	63	77819	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.40%			
20) 2-Butanone-d5	3.96	46	117230	43.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.64%			
24) Chloroform-d	4.41	84	96789	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.09	65	48599	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
32) Benzene-d6	5.10	84	195893	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
36) 1,2-Dichloropropane-d6	6.12	67	60009	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.36	98	184886	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
43) trans-1,3-Dichloropropene-	7.67	79	20092	4.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.00%			
46) 2-Hexanone-d5	8.14	63	84451	37.08	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 74.16%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41091	4.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	62614	4.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.60%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	69298	4.937	ug/L	99
3) Chloromethane	1.25	50	55368	4.719	ug/L	100
5) Vinyl chloride	1.33	62	57796	5.367	ug/L	98
6) Bromomethane	1.54	94	32583	4.851	ug/L	99
8) Chloroethane	1.60	64	31132	4.934	ug/L	99
9) Trichlorofluoromethane	1.77	101	81370	5.483	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	47439	5.478	ug/L	97
12) 1,1-Dichloroethene	2.15	96	42071	5.330	ug/L	95
13) Acetone	2.22	43	76651	54.310	ug/L	96
14) Carbon disulfide	2.32	76	113284	4.598	ug/L	98
15) Methyl Acetate	2.47	43	17797	5.040	ug/L	100
16) Methylene chloride	2.54	84	44754	4.657	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	104257	4.963	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	44927	5.243	ug/L	94
19) 1,1-Dichloroethane	3.23	63	108555	5.006	ug/L	98
21) 2-Butanone	4.05	43	152303	48.198	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	64652	4.999	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.31	128	25271	5.077	ug/L		98
25) Chloroform	4.43	83	114086	4.165	ug/L		98
27) 1,2-Dichloroethane	5.19	62	67092	4.909	ug/L		100
29) 1,1,1-Trichloroethane	4.66	97	91494	4.625	ug/L		99
30) Cyclohexane	4.73	56	100588	4.572	ug/L		98
31) Carbon tetrachloride	4.88	117	74679	4.439	ug/L		99
33) Benzene	5.15	78	240553	4.842	ug/L		100
34) Trichloroethene	5.96	95	65954	5.023	ug/L		96
35) Methylcyclohexane	6.18	83	106733	4.800	ug/L		97
37) 1,2-Dichloropropane	6.23	63	63656	4.875	ug/L		99
38) Bromodichloromethane	6.56	83	65535	4.113	ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	78033	4.445	ug/L		97
40) 4-Methyl-2-pentanone	7.28	43	350223	45.820	ug/L		98
42) Toluene	7.43	91	254621	4.918	ug/L		96
44) trans-1,3-Dichloropropene	7.70	75	60485	4.230	ug/L		99
45) 1,1,2-Trichloroethane	7.89	97	40576	4.883	ug/L		96
47) Tetrachloroethene	8.02	164	48991	5.156	ug/L		99
48) 2-Hexanone	8.19	43	248491	48.167	ug/L		99
49) Dibromochloromethane	8.29	129	40414	4.276	ug/L		94
50) 1,2-Dibromoethane	8.40	107	37496	4.992	ug/L	#	97
51) Chlorobenzene	8.93	112	158505	4.963	ug/L		99
52) Ethylbenzene	9.06	91	277768	4.874	ug/L		100
53) m,p-xylene	9.18	106	104339	4.953	ug/L		96
54) o-xylene	9.59	106	100460	4.900	ug/L		98
55) Styrene	9.60	104	168974	5.106	ug/L		98
56) Isopropylbenzene	9.98	105	271228	4.927	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.29	83	47604	4.853	ug/L		98
59) 1,2,3-Trichloropropane	10.32	75	36032	4.865	ug/L		99
61) Bromoform	9.78	173	18247	3.753	ug/L		98
62) 1,3-Dichlorobenzene	11.23	146	122590	4.974	ug/L		98
63) 1,4-Dichlorobenzene	11.32	146	120512	4.961	ug/L		98
65) 1,2-Dichlorobenzene	11.69	146	113931	4.855	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.48	75	6244	4.158	ug/L		93
67) 1,3,5-Trichlorobenzene	12.69	180	90429	5.066	ug/L		99
68) 1,2,4-trichlorobenzene	13.31	180	70623	4.910	ug/L		99
69) Naphthalene	13.56	128	99958	4.278	ug/L		99
70) 1,2,3-Trichlorobenzene	13.80	180	66441	5.007	ug/L		100

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

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