Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091218\
Data File : VV007509.D
Acq On : 13 Sep 2018 06:52
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00578

Quant Time: Sep 13 07:20:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 13 07:19:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	127944	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.90	117	116319	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63567	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	32612	4.76	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.20%				
7) Chloroethane-d5	1.58	69	26707	4.65	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%				
11) 1,1-Dichloroethene-d2	2.13	63	70051	5.08	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.60%				
20) 2-Butanone-d5	3.97	46	76131	51.64	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.28%				
24) Chloroform-d	4.41	84	67018	4.97	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%				
26) 1,2-Dichloroethane-d4	5.09	65	33695	4.77	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%				
32) Benzene-d6	5.10	84	128726	4.87	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%				
36) 1,2-Dichloropropane-d6	6.13	67	38630	4.88	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%				
41) Toluene-d8	7.36	98	133380	4.98	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%				
43) trans-1,3-Dichloropropene-	7.67	79	16164	4.13	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.60%				
46) 2-Hexanone-d5	8.14	63	47379	50.95	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.90%				
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28688	4.72	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.40%				
64) 1,2-Dichlorobenzene-d4	11.68	152	53594	4.92	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	28674	3.84	ug/L		96
3) Chloromethane	1.25	50	30340	4.64	ug/L		100
5) Vinyl chloride	1.32	62	34511	4.59	ug/L		99
6) Bromomethane	1.54	94	23555	4.73	ug/L		99
8) Chloroethane	1.60	64	19898	4.46	ug/L		99
9) Trichlorofluoromethane	1.77	101	65891	5.03	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34958	4.67	ug/L		97
12) 1,1-Dichloroethene	2.14	96	31438	4.76	ug/L		91
13) Acetone	2.20	43	45884	53.31	ug/L		92
14) Carbon disulfide	2.32	76	96135	4.76	ug/L		99
15) Methyl Acetate	2.47	43	10507	4.42	ug/L	#	88
16) Methylene chloride	2.54	84	32257	4.57	ug/L		99
17) Methyl tert-butyl Ether	2.82	73	82021	4.91	ug/L		97
18) trans-1,2-Dichloroethene	2.79	96	35066	4.97	ug/L		98
19) 1,1-Dichloroethane	3.23	63	56936	4.94	ug/L		96
21) 2-Butanone	4.05	43	72103	51.55	ug/L		98
22) cis-1,2-Dichloroethene	3.97	96	35224	5.08	ug/L	#	96

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 13 07:19:10 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	16055	4.84	ug/L	96
25) Chloroform	4.43	83	59267	4.99	ug/L	96
27) 1,2-Dichloroethane	5.19	62	36477	4.90	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	56468	4.71	ug/L	99
30) Cyclohexane	4.72	56	48911	4.60	ug/L	97
31) Carbon tetrachloride	4.87	117	52016	4.70	ug/L	99
33) Benzene	5.15	78	120275	4.74	ug/L	100
34) Trichloroethene	5.96	95	38741	5.06	ug/L	98
35) Methylcyclohexane	6.18	83	54061	4.55	ug/L	98
37) 1,2-Dichloropropane	6.23	63	30107	4.69	ug/L	100
38) Bromodichloromethane	6.56	83	43677	4.80	ug/L	95
39) cis-1,3-Dichloropropene	7.08	75	44308	4.28	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	185585	50.71	ug/L	100
42) Toluene	7.44	91	138392	4.93	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	36112	4.16	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	23199	4.77	ug/L	96
47) Tetrachloroethene	8.02	164	33005	5.04	ug/L	97
48) 2-Hexanone	8.20	43	134056	50.33	ug/L	96
49) Dibromochloromethane	8.30	129	33273	4.94	ug/L	96
50) 1,2-Dibromoethane	8.40	107	22867	4.82	ug/L	95
51) Chlorobenzene	8.93	112	93987	4.92	ug/L	96
52) Ethylbenzene	9.06	91	157679	4.92	ug/L	99
53) m,p-xylene	9.19	106	59747	4.80	ug/L	97
54) o-xylene	9.59	106	59500	4.89	ug/L	95
55) Styrene	9.61	104	99826	5.01	ug/L	94
56) Isopropylbenzene	9.98	105	160261	4.89	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	23876	4.48	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	19626	4.80	ug/L	98
61) Bromoform	9.78	173	20484	4.64	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	79929	4.93	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	79457	4.92	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	76305	5.02	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	4652	4.11	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	63311	5.10	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	51135	5.43	ug/L	99
69) Naphthalene	13.56	128	72981	4.98	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	47502	5.37	ug/L	98

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

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