Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110718\
Data File : VV008550.D
Acq On : 07 Nov 2018 17:18
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV40

Quant Time: Nov 08 08:21:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 07 14:54:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	133781	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	121343	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54314	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	33075	4.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.80%			
7) Chloroethane-d5	1.59	69	24290	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%			
11) 1,1-Dichloroethene-d2	2.14	63	62237	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	3.98	46	116669	50.59	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.18%			
24) Chloroform-d	4.41	84	83869	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
26) 1,2-Dichloroethane-d4	5.09	65	44151	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.10	84	157980	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.12	67	50464	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.36	98	146718	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
43) trans-1,3-Dichloropropene-	7.67	79	20121	4.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.80%			
46) 2-Hexanone-d5	8.14	63	94063	51.01	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.02%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36642	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	47505	4.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	59474	4.986	ug/L	100
3) Chloromethane	1.25	50	49270	5.036	ug/L	97
5) Vinyl chloride	1.33	62	46852	5.057	ug/L	98
6) Bromomethane	1.54	94	26831	4.790	ug/L	97
8) Chloroethane	1.60	64	25311	5.165	ug/L	98
9) Trichlorofluoromethane	1.77	101	58082	5.055	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	33587	4.857	ug/L	98
12) 1,1-Dichloroethene	2.14	96	30643	4.979	ug/L	98
13) Acetone	2.22	43	60895	51.409	ug/L	100
14) Carbon disulfide	2.32	76	99852	4.872	ug/L	99
15) Methyl Acetate	2.48	43	14625	4.869	ug/L	99
16) Methylene chloride	2.54	84	33109	4.816	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	84763	5.168	ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	34003	4.866	ug/L	96
19) 1,1-Dichloroethane	3.23	63	64705	4.685	ug/L	98
21) 2-Butanone	4.06	43	134767	52.794	ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	52925	5.020	ug/L #	100

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.30	128	20814	5.066 ug/L		93
25) Chloroform	4.43	83	90851	5.053 ug/L		98
27) 1,2-Dichloroethane	5.19	62	58240	5.037 ug/L		95
29) 1,1,1-Trichloroethane	4.66	97	77932	5.136 ug/L		99
30) Cyclohexane	4.72	56	88156	5.230 ug/L		99
31) Carbon tetrachloride	4.87	117	66838	5.064 ug/L		100
33) Benzene	5.15	78	191862	5.112 ug/L		100
34) Trichloroethene	5.96	95	52362	5.196 ug/L		96
35) Methylcyclohexane	6.18	83	81878	5.026 ug/L		96
37) 1,2-Dichloropropane	6.23	63	50508	5.052 ug/L		99
38) Bromodichloromethane	6.56	83	61018	5.140 ug/L		98
39) cis-1,3-Dichloropropene	7.07	75	72436	5.204 ug/L		99
40) 4-Methyl-2-pentanone	7.28	43	319710	52.617 ug/L		99
42) Toluene	7.43	91	202588	5.195 ug/L		100
44) trans-1,3-Dichloropropene	7.70	75	56593	5.139 ug/L		99
45) 1,1,2-Trichloroethane	7.89	97	33364	5.238 ug/L		99
47) Tetrachloroethene	8.02	164	36390	5.040 ug/L		95
48) 2-Hexanone	8.19	43	223604	53.853 ug/L		97
49) Dibromochloromethane	8.29	129	37495	5.104 ug/L		100
50) 1,2-Dibromoethane	8.40	107	31398	5.294 ug/L		94
51) Chlorobenzene	8.93	112	126494	5.267 ug/L		99
52) Ethylbenzene	9.06	91	223647	5.184 ug/L		98
53) m,p-xylene	9.18	106	79867	5.059 ug/L		97
54) o-xylene	9.59	106	80573	5.306 ug/L		97
55) Styrene	9.61	104	131604	5.212 ug/L		99
56) Isopropylbenzene	9.98	105	216571	5.257 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	39732	5.211 ug/L	#	98
59) 1,2,3-Trichloropropane	10.32	75	31002	5.313 ug/L		96
61) Bromoform	9.78	173	17795	5.000 ug/L		97
62) 1,3-Dichlorobenzene	11.23	146	89977	5.021 ug/L		95
63) 1,4-Dichlorobenzene	11.32	146	89032	5.071 ug/L		99
65) 1,2-Dichlorobenzene	11.69	146	87154	5.175 ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.48	75	6602	5.166 ug/L		86
67) 1,3,5-Trichlorobenzene	12.70	180	63351	5.107 ug/L		98
68) 1,2,4-trichlorobenzene	13.31	180	51679	5.311 ug/L		98
69) Naphthalene	13.56	128	90958	5.188 ug/L		99
70) 1,2,3-Trichlorobenzene	13.80	180	48675	5.196 ug/L		99

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

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