Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
Data File : VV008802.D
Acq On : 30 Nov 2018 07:51
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00571

Quant Time: Nov 30 08:11:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 30 06:23:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	146824	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65959	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46553	4.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.80%			
7) Chloroethane-d5	1.59	69	31062	4.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.00%			
11) 1,1-Dichloroethene-d2	2.14	63	82291	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.20%			
20) 2-Butanone-d5	3.96	46	105622	46.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.86%			
24) Chloroform-d	4.41	84	96552	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
26) 1,2-Dichloroethane-d4	5.09	65	45609	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
32) Benzene-d6	5.10	84	197094	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.12	67	56786	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.20%			
41) Toluene-d8	7.36	98	184937	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
43) trans-1,3-Dichloropropene-	7.67	79	18631	4.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.20%			
46) 2-Hexanone-d5	8.14	63	88022	51.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.44%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37343	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	63916	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	64650	4.977	ug/L	100
3) Chloromethane	1.25	50	47057	4.838	ug/L	96
5) Vinyl chloride	1.33	62	48519	5.014	ug/L	98
6) Bromomethane	1.54	94	29329	4.831	ug/L	98
8) Chloroethane	1.60	64	24323	4.390	ug/L	94
9) Trichlorofluoromethane	1.78	101	76826	5.315	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	40976	4.954	ug/L	100
12) 1,1-Dichloroethene	2.14	96	36658	5.077	ug/L	98
13) Acetone	2.21	43	53088	46.821	ug/L	100
14) Carbon disulfide	2.32	76	101235	4.831	ug/L	100
15) Methyl Acetate	2.47	43	14349	4.729	ug/L	97
16) Methylene chloride	2.54	84	37998	4.666	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	91379	5.139	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	39975	5.038	ug/L	98
19) 1,1-Dichloroethane	3.23	63	89077	5.051	ug/L	98
21) 2-Butanone	4.05	43	109019	47.965	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	56199	5.041	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	22695	4.962	ug/L	97
25) Chloroform	4.43	83	93935	4.901	ug/L	97
27) 1,2-Dichloroethane	5.19	62	54127	4.915	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	79464	5.072	ug/L	99
30) Cyclohexane	4.73	56	80063	4.853	ug/L	99
31) Carbon tetrachloride	4.88	117	67943	5.010	ug/L	100
33) Benzene	5.15	78	201997	5.019	ug/L	100
34) Trichloroethene	5.96	95	57222	5.113	ug/L	97
35) Methylcyclohexane	6.18	83	86024	4.847	ug/L	99
37) 1,2-Dichloropropane	6.23	63	49697	4.967	ug/L	99
38) Bromodichloromethane	6.56	83	57969	5.074	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	63424	4.827	ug/L	95
40) 4-Methyl-2-pentanone	7.28	43	263985	50.978	ug/L	100
42) Toluene	7.43	91	217589	5.165	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	48215	4.655	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	34531	5.202	ug/L	98
47) Tetrachloroethene	8.02	164	44198	5.107	ug/L	99
48) 2-Hexanone	8.19	43	190304	52.347	ug/L	99
49) Dibromochloromethane	8.29	129	36707	5.079	ug/L	99
50) 1,2-Dibromoethane	8.40	107	32117	5.155	ug/L	95
51) Chlorobenzene	8.93	112	139890	5.044	ug/L	99
52) Ethylbenzene	9.06	91	227882	4.999	ug/L	99
53) m,p-xylene	9.18	106	88091	5.153	ug/L	95
54) o-xylene	9.59	106	84128	5.101	ug/L	99
55) Styrene	9.61	104	140101	5.109	ug/L	99
56) Isopropylbenzene	9.98	105	225004	5.009	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	36244	5.120	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	29250	5.095	ug/L	96
61) Bromoform	9.78	173	17536	4.903	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	105512	4.860	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	105605	4.917	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	101185	4.940	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	4693	4.653	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	79411	4.984	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	59676	5.077	ug/L	99
69) Naphthalene	13.56	128	85867	4.996	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	57529	5.246	ug/L	98

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

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