Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
Data File : VV007560.D
Acq On : 15 Sep 2018 08:16
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00562

Quant Time: Sep 17 05:57:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 04:48:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	124413	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110667	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54031	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	30511	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.58	69	29660	5.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.80%			
11) 1,1-Dichloroethene-d2	2.14	63	68272	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.00%			
20) 2-Butanone-d5	3.97	46	45715	50.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.86%			
24) Chloroform-d	4.41	84	64392	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.09	65	31797	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	5.10	84	124712	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.13	67	37006	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.36	98	129669	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
43) trans-1,3-Dichloropropene-	7.67	79	13179	3.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.20%			
46) 2-Hexanone-d5	8.15	63	35160	63.60	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 127.20%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25088	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	50563	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	31360	4.657	ug/L	99
3) Chloromethane	1.26	50	28372	4.847	ug/L	97
5) Vinyl chloride	1.32	62	32819	5.022	ug/L	99
6) Bromomethane	1.54	94	24775	5.312	ug/L	100
8) Chloroethane	1.60	64	22744	5.710	ug/L	97
9) Trichlorofluoromethane	1.77	101	68726	5.332	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34964	4.971	ug/L	97
12) 1,1-Dichloroethene	2.14	96	33840	5.359	ug/L	88
13) Acetone	2.21	43	25749	43.493	ug/L	91
14) Carbon disulfide	2.32	76	92068	4.984	ug/L	99
15) Methyl Acetate	2.47	43	7540	4.647	ug/L	90
16) Methylene chloride	2.54	84	34052	4.989	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	77234	5.084	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	35372	5.149	ug/L	97
19) 1,1-Dichloroethane	3.23	63	49387	4.931	ug/L	99
21) 2-Butanone	4.06	43	42961	43.258	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	33622	4.966	ug/L	97

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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	4.31	128	14890	5.017 ug/L	99
25) Chloroform	4.43	83	55464	4.846 ug/L	98
27) 1,2-Dichloroethane	5.19	62	32864	4.987 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	52663	4.893 ug/L	99
30) Cyclohexane	4.73	56	44252	4.715 ug/L	100
31) Carbon tetrachloride	4.88	117	49562	4.907 ug/L	97
33) Benzene	5.15	78	116305	5.089 ug/L	100
34) Trichloroethene	5.96	95	36065	5.146 ug/L	98
35) Methylcyclohexane	6.18	83	48738	4.503 ug/L	98
37) 1,2-Dichloropropane	6.23	63	28031	4.978 ug/L	100
38) Bromodichloromethane	6.56	83	37991	4.652 ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	35362	3.950 ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	154089	49.560 ug/L	99
42) Toluene	7.43	91	129954	4.922 ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	29007	3.938 ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	21702	5.161 ug/L	97
47) Tetrachloroethene	8.02	164	30732	4.883 ug/L	96
48) 2-Hexanone	8.20	43	108611	46.013 ug/L	93
49) Dibromochloromethane	8.30	129	27872	4.657 ug/L	99
50) 1,2-Dibromoethane	8.40	107	20627	5.052 ug/L	100
51) Chlorobenzene	8.93	112	86935	4.896 ug/L	99
52) Ethylbenzene	9.06	91	142289	4.785 ug/L	99
53) m,p-xylene	9.19	106	55283	4.798 ug/L	99
54) o-xylene	9.59	106	56116	4.974 ug/L	98
55) Styrene	9.61	104	90152	4.905 ug/L	97
56) Isopropylbenzene	9.98	105	145574	4.752 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	19547	4.745 ug/L	93
59) 1,2,3-Trichloropropane	10.32	75	16980	4.931 ug/L	97
61) Bromoform	9.78	173	16203	5.052 ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	70234	5.145 ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	68643	5.029 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	67727	5.331 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	3257	4.983 ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	50649	4.754 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	36299	4.731 ug/L	98
69) Naphthalene	13.56	128	49476	5.327 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	34965	4.998 ug/L	99

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

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