Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100518\
Data File : VV008142.D
Acq On : 06 Oct 2018 11:27
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00577

Quant Time: Oct 08 05:28:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 08 05:22:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	76522	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	73519	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38025	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	22381	4.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.40%			
7) Chloroethane-d5	1.59	69	19341	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.60%			
11) 1,1-Dichloroethene-d2	2.14	63	44210	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.20%			
20) 2-Butanone-d5	3.96	46	60136	53.22	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.44%			
24) Chloroform-d	4.41	84	49607	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.09	65	24351	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
32) Benzene-d6	5.10	84	93344	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.12	67	28636	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.36	98	91700	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
43) trans-1,3-Dichloropropene-	7.67	79	9012	4.34	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.80%			
46) 2-Hexanone-d5	8.14	63	41404	50.08	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.16%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21724	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	34364	4.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	26968	5.198	ug/L	98
3) Chloromethane	1.25	50	23669	5.413	ug/L	97
5) Vinyl chloride	1.33	62	25741	5.287	ug/L	100
6) Bromomethane	1.54	94	13688	5.935	ug/L	99
8) Chloroethane	1.60	64	15824	4.864	ug/L	97
9) Trichlorofluoromethane	1.78	101	43749	5.246	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	25115	5.064	ug/L	98
12) 1,1-Dichloroethene	2.15	96	21883	5.279	ug/L	86
13) Acetone	2.21	43	39050	51.001	ug/L	98
14) Carbon disulfide	2.32	76	51039	4.838	ug/L	99
15) Methyl Acetate	2.47	43	9986	5.494	ug/L	97
16) Methylene chloride	2.54	84	24092	4.790	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	55167	5.309	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	23423	5.177	ug/L	98
19) 1,1-Dichloroethane	3.23	63	45933	5.331	ug/L	97
21) 2-Butanone	4.05	43	65458	52.995	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	27079	5.306	ug/L	100

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 08 05:22:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	12255	5.289 ug/L	94
25) Chloroform	4.43	83	49433	5.332 ug/L	99
27) 1,2-Dichloroethane	5.19	62	28603	5.252 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	42584	5.215 ug/L	100
30) Cyclohexane	4.73	56	33388	4.924 ug/L	98
31) Carbon tetrachloride	4.88	117	37660	5.134 ug/L	99
33) Benzene	5.15	78	100448	5.415 ug/L	100
34) Trichloroethene	5.96	95	26966	4.981 ug/L	99
35) Methylcyclohexane	6.18	83	36177	4.784 ug/L	98
37) 1,2-Dichloropropane	6.23	63	26621	5.318 ug/L	99
38) Bromodichloromethane	6.56	83	31538	5.150 ug/L	96
39) cis-1,3-Dichloropropene	7.08	75	29743	4.634 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	156125	55.037 ug/L	99
42) Toluene	7.43	91	108228	5.492 ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	24503	4.694 ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	19459	5.542 ug/L	97
47) Tetrachloroethene	8.02	164	24911	5.152 ug/L	96
48) 2-Hexanone	8.19	43	111916	58.113 ug/L	98
49) Dibromochloromethane	8.30	129	21677	4.949 ug/L	99
50) 1,2-Dibromoethane	8.40	107	17289	5.424 ug/L	98
51) Chlorobenzene	8.93	112	71662	5.199 ug/L	99
52) Ethylbenzene	9.06	91	110040	5.116 ug/L	99
53) m,p-xylene	9.19	106	43049	5.279 ug/L	98
54) o-xylene	9.59	106	40922	5.257 ug/L	99
55) Styrene	9.61	104	71715	5.409 ug/L	99
56) Isopropylbenzene	9.98	105	111782	5.220 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	21573	5.300 ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	15850	5.423 ug/L	98
61) Bromoform	9.78	173	12293	5.250 ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	56863	5.023 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	57890	5.016 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	56638	5.178 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	2992	5.238 ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	47531	4.927 ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	35085	4.875 ug/L	98
69) Naphthalene	13.56	128	43088	4.690 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	34316	5.014 ug/L	99

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

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