Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101818\
Data File : VV008354.D
Acq On : 18 Oct 2018 20:45
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00571

Quant Time: Oct 19 05:29:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 05:24:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	112980	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102070	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44941	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27524	4.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.20%			
7) Chloroethane-d5	1.59	69	23878	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.80%			
11) 1,1-Dichloroethene-d2	2.13	63	61770	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.80%			
20) 2-Butanone-d5	3.98	46	100959	47.14	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.28%			
24) Chloroform-d	4.41	84	64762	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.09	65	32133	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
32) Benzene-d6	5.10	84	132237	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
36) 1,2-Dichloropropane-d6	6.12	67	45019	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.20%			
41) Toluene-d8	7.36	98	120653	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
43) trans-1,3-Dichloropropene-	7.67	79	16338	3.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.80%			
46) 2-Hexanone-d5	8.14	63	72423	50.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.94%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	29860	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	38594	4.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	43654	5.019	ug/L	99
3) Chloromethane	1.25	50	46657	5.255	ug/L	97
5) Vinyl chloride	1.32	62	46117	5.486	ug/L	98
6) Bromomethane	1.54	94	19191	3.989	ug/L	98
8) Chloroethane	1.60	64	25605	5.860	ug/L	99
9) Trichlorofluoromethane	1.77	101	60548	5.924	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34304	5.881	ug/L	98
12) 1,1-Dichloroethene	2.14	96	31767	5.853	ug/L	92
13) Acetone	2.23	43	57574	49.688	ug/L	96
14) Carbon disulfide	2.32	76	102653	5.497	ug/L	100
15) Methyl Acetate	2.48	43	15589	5.408	ug/L	92
16) Methylene chloride	2.54	84	33502	5.333	ug/L	99
17) Methyl tert-butyl Ether	2.82	73	88342	5.730	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	33585	5.751	ug/L	94
19) 1,1-Dichloroethane	3.23	63	77000	6.382	ug/L	99
21) 2-Butanone	4.07	43	109737	45.610	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	45038	4.777	ug/L #	99

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	17431	4.987 ug/L	96
25) Chloroform	4.43	83	74028	5.006 ug/L	99
27) 1,2-Dichloroethane	5.19	62	44008	5.006 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	63772	5.017 ug/L	98
30) Cyclohexane	4.72	56	76971	4.817 ug/L	97
31) Carbon tetrachloride	4.87	117	53105	4.969 ug/L	99
33) Benzene	5.15	78	170189	4.948 ug/L	100
34) Trichloroethene	5.96	95	47976	5.033 ug/L	96
35) Methylcyclohexane	6.18	83	79075	4.920 ug/L	96
37) 1,2-Dichloropropane	6.23	63	45943	4.950 ug/L	100
38) Bromodichloromethane	6.56	83	51365	4.927 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	60267	4.551 ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	279594	49.192 ug/L	99
42) Toluene	7.43	91	182458	5.089 ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	49912	4.710 ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	28579	4.960 ug/L	98
47) Tetrachloroethene	8.02	164	30265	5.068 ug/L	93
48) 2-Hexanone	8.20	43	206338	49.670 ug/L	99
49) Dibromochloromethane	8.30	129	31638	4.818 ug/L	100
50) 1,2-Dibromoethane	8.40	107	26170	4.846 ug/L	97
51) Chlorobenzene	8.93	112	109943	5.161 ug/L	99
52) Ethylbenzene	9.06	91	201871	5.121 ug/L	99
53) m,p-xylene	9.18	106	72017	5.050 ug/L	94
54) o-xylene	9.59	106	74072	5.214 ug/L	97
55) Styrene	9.61	104	117703	5.150 ug/L	99
56) Isopropylbenzene	9.98	105	193611	5.172 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	30402	4.638 ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	25768	4.962 ug/L	98
61) Bromoform	9.78	173	14361	4.371 ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	76370	5.021 ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	76706	5.093 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	73146	5.016 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	4533	4.121 ug/L	90
67) 1,3,5-Trichlorobenzene	12.70	180	51185	5.201 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	37198	5.309 ug/L	99
69) Naphthalene	13.56	128	59503	4.556 ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	35835	5.152 ug/L	99

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

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