Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100918\
Data File : VV008225.D
Acq On : 10 Oct 2018 03:23
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00563

Quant Time: Oct 10 04:55:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 10 04:51:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	102720	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	100423	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53744	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	25281	4.01	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.20%			
7) Chloroethane-d5	1.59	69	21031	3.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.00%			
11) 1,1-Dichloroethene-d2	2.14	63	50951	4.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.60%			
20) 2-Butanone-d5	3.97	46	82698	54.52	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.04%			
24) Chloroform-d	4.41	84	60355	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
26) 1,2-Dichloroethane-d4	5.09	65	29388	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
32) Benzene-d6	5.10	84	110733	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%			
36) 1,2-Dichloropropane-d6	6.13	67	35902	4.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.20%			
41) Toluene-d8	7.36	98	109048	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
43) trans-1,3-Dichloropropene-	7.67	79	12410	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.14	63	57639	51.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.08%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	27772	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	44470	4.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	36522	5.244	ug/L	97
3) Chloromethane	1.25	50	31367	5.344	ug/L	100
5) Vinyl chloride	1.33	62	34904	5.341	ug/L	100
6) Bromomethane	1.54	94	19661	6.351	ug/L	98
8) Chloroethane	1.60	64	20832	4.770	ug/L	96
9) Trichlorofluoromethane	1.77	101	56682	5.063	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	33920	5.095	ug/L	98
12) 1,1-Dichloroethene	2.14	96	28702	5.158	ug/L	92
13) Acetone	2.22	43	52055	50.647	ug/L	100
14) Carbon disulfide	2.32	76	64596	4.561	ug/L	99
15) Methyl Acetate	2.47	43	13563	5.558	ug/L	95
16) Methylene chloride	2.54	84	32452	4.807	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	76005	5.449	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	31399	5.169	ug/L	99
19) 1,1-Dichloroethane	3.23	63	63674	5.506	ug/L	99
21) 2-Butanone	4.05	43	92738	55.932	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	36761	5.366	ug/L	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 10 04:51:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	17459	5.613	ug/L	97
25) Chloroform	4.43	83	69163	5.557	ug/L	99
27) 1,2-Dichloroethane	5.19	62	39406	5.390	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	57749	5.178	ug/L	98
30) Cyclohexane	4.73	56	44878	4.845	ug/L	100
31) Carbon tetrachloride	4.88	117	51232	5.113	ug/L	98
33) Benzene	5.15	78	137197	5.414	ug/L	100
34) Trichloroethene	5.96	95	37365	5.053	ug/L	97
35) Methylcyclohexane	6.18	83	48654	4.710	ug/L	100
37) 1,2-Dichloropropane	6.23	63	37651	5.507	ug/L	100
38) Bromodichloromethane	6.56	83	44865	5.364	ug/L	95
39) cis-1,3-Dichloropropene	7.08	75	44398	5.064	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	229009	59.101	ug/L	98
42) Toluene	7.43	91	153283	5.694	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	37884	5.314	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	27164	5.664	ug/L	97
47) Tetrachloroethene	8.02	164	33895	5.132	ug/L	98
48) 2-Hexanone	8.19	43	169570	64.461	ug/L	97
49) Dibromochloromethane	8.29	129	32599	5.449	ug/L	99
50) 1,2-Dibromoethane	8.40	107	24758	5.686	ug/L	99
51) Chlorobenzene	8.93	112	102330	5.435	ug/L	99
52) Ethylbenzene	9.06	91	157850	5.373	ug/L	99
53) m,p-xylene	9.19	106	61299	5.503	ug/L	98
54) o-xylene	9.59	106	59116	5.559	ug/L	98
55) Styrene	9.61	104	106018	5.854	ug/L	99
56) Isopropylbenzene	9.98	105	161182	5.511	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	30822	5.544	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	23175	5.805	ug/L	95
61) Bromoform	9.78	173	18398	5.559	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	81877	5.117	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	86798	5.322	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	84094	5.440	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	4251	5.266	ug/L	89
67) 1,3,5-Trichlorobenzene	12.70	180	69710	5.113	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	52555	5.167	ug/L	99
69) Naphthalene	13.56	128	65372	5.034	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	52418	5.419	ug/L	100

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

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