Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091518\
Data File : VV007562.D
Acq On : 15 Sep 2018 10:47
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00563

Quant Time: Sep 17 01:41:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 15 02:08:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	141773	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	123616	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61756	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	28433	3.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.80%			
7) Chloroethane-d5	1.58	69	27793	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.60%			
11) 1,1-Dichloroethene-d2	2.13	63	69462	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.20%			
20) 2-Butanone-d5	3.97	46	37305	36.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 72.24%			
24) Chloroform-d	4.41	84	66461	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
26) 1,2-Dichloroethane-d4	5.09	65	31954	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
32) Benzene-d6	5.10	84	126238	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.12	67	37437	4.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.60%			
41) Toluene-d8	7.36	98	130188	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
43) trans-1,3-Dichloropropene-	7.67	79	15473	4.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.00%			
46) 2-Hexanone-d5	8.15	63	32092	51.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.94%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23804	4.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	51825	4.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	36266	4.73	ug/L	100
3) Chloromethane	1.25	50	29115	4.36	ug/L	97
5) Vinyl chloride	1.32	62	35469	4.76	ug/L	99
6) Bromomethane	1.54	94	26624	5.01	ug/L	97
8) Chloroethane	1.60	64	24256	5.34	ug/L	96
9) Trichlorofluoromethane	1.77	101	77068	5.25	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	43386	5.41	ug/L	99
12) 1,1-Dichloroethene	2.14	96	37720	5.24	ug/L	98
13) Acetone	2.21	43	24247	35.94	ug/L	96
14) Carbon disulfide	2.32	76	103884	4.93	ug/L	100
15) Methyl Acetate	2.47	43	8369	4.53	ug/L	94
16) Methylene chloride	2.54	84	37182	4.78	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	81709	4.72	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	39317	5.02	ug/L	97
19) 1,1-Dichloroethane	3.23	63	55661	4.88	ug/L	99
21) 2-Butanone	4.05	43	43090	38.08	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	36893	4.78	ug/L	92

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Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00563

Quant Time: Sep 17 01:41:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 15 02:08:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	16395	4.85	ug/L		98
25) Chloroform	4.43	83	61070	4.68	ug/L		99
27) 1,2-Dichloroethane	5.19	62	33876	4.51	ug/L		98
29) 1,1,1-Trichloroethane	4.66	97	58437	4.86	ug/L		98
30) Cyclohexane	4.73	56	51231	4.89	ug/L		99
31) Carbon tetrachloride	4.88	117	55107	4.88	ug/L		100
33) Benzene	5.15	78	126560	4.96	ug/L		100
34) Trichloroethene	5.96	95	41822	5.34	ug/L		98
35) Methylcyclohexane	6.18	83	61754	5.11	ug/L		99
37) 1,2-Dichloropropane	6.23	63	29062	4.62	ug/L		100
38) Bromodichloromethane	6.56	83	41688	4.57	ug/L		97
39) cis-1,3-Dichloropropene	7.07	75	47957	4.80	ug/L		100
40) 4-Methyl-2-pentanone	7.29	43	161257	46.43	ug/L		99
42) Toluene	7.43	91	144305	4.89	ug/L		99
44) trans-1,3-Dichloropropene	7.70	75	37591	4.57	ug/L		99
45) 1,1,2-Trichloroethane	7.89	97	22809	4.86	ug/L		98
47) Tetrachloroethene	8.02	164	36161	5.14	ug/L		98
48) 2-Hexanone	8.20	43	113086	42.89	ug/L		95
49) Dibromochloromethane	8.30	129	31320	4.68	ug/L		99
50) 1,2-Dibromoethane	8.40	107	21687	4.75	ug/L		99
51) Chlorobenzene	8.93	112	96593	4.87	ug/L		99
52) Ethylbenzene	9.06	91	158746	4.78	ug/L		99
53) m,p-xylene	9.19	106	62262	4.84	ug/L		98
54) o-xylene	9.59	106	60143	4.77	ug/L		99
55) Styrene	9.61	104	96996	4.72	ug/L		99
56) Isopropylbenzene	9.98	105	164192	4.80	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	19943	4.33	ug/L		95
59) 1,2,3-Trichloropropane	10.32	75	17357	4.51	ug/L		96
61) Bromoform	9.78	173	17164	4.68	ug/L		94
62) 1,3-Dichlorobenzene	11.23	146	77701	4.98	ug/L		100
63) 1,4-Dichlorobenzene	11.32	146	76541	4.91	ug/L		99
65) 1,2-Dichlorobenzene	11.69	146	74035	5.10	ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.48	75	3353	4.49	ug/L	#	75
67) 1,3,5-Trichlorobenzene	12.70	180	61782	5.07	ug/L		99
68) 1,2,4-trichlorobenzene	13.32	180	42429	4.84	ug/L		98
69) Naphthalene	13.56	128	52075	4.91	ug/L		100
70) 1,2,3-Trichlorobenzene	13.80	180	38451	4.81	ug/L		98

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

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