Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100918\
Data File : VV008212.D
Acq On : 09 Oct 2018 20:59
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00562

Quant Time: Oct 10 03:14:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 10 03:08:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	100769	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98747	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52339	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24762	4.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.00%			
7) Chloroethane-d5	1.59	69	21246	4.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.40%			
11) 1,1-Dichloroethene-d2	2.14	63	51245	4.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.60%			
20) 2-Butanone-d5	3.97	46	83365	56.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.04%			
24) Chloroform-d	4.41	84	60620	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.09	65	29809	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.10	84	110299	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
36) 1,2-Dichloropropane-d6	6.12	67	35853	4.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.60%			
41) Toluene-d8	7.36	98	108860	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
43) trans-1,3-Dichloropropene-	7.67	79	12654	4.54	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.80%			
46) 2-Hexanone-d5	8.14	63	59818	53.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.74%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28620	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	44944	4.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	36092	5.283	ug/L	97
3) Chloromethane	1.25	50	31012	5.386	ug/L	99
5) Vinyl chloride	1.33	62	33895	5.287	ug/L	99
6) Bromomethane	1.54	94	18954	6.241	ug/L	98
8) Chloroethane	1.60	64	20036	4.677	ug/L	98
9) Trichlorofluoromethane	1.77	101	55548	5.058	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	33002	5.053	ug/L	98
12) 1,1-Dichloroethene	2.15	96	27718	5.077	ug/L	88
13) Acetone	2.21	43	51944	51.518	ug/L	100
14) Carbon disulfide	2.32	76	63800	4.592	ug/L	99
15) Methyl Acetate	2.47	43	13584	5.675	ug/L	96
16) Methylene chloride	2.54	84	32162	4.856	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	75340	5.506	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	30957	5.195	ug/L	99
19) 1,1-Dichloroethane	3.23	63	60642	5.345	ug/L	98
21) 2-Butanone	4.05	43	93652	57.577	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	36297	5.401	ug/L	99

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Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00562

Quant Time: Oct 10 03:14:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 10 03:08:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	16512	5.411 ug/L	91
25) Chloroform	4.43	83	66775	5.469 ug/L	99
27) 1,2-Dichloroethane	5.19	62	38856	5.417 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	57306	5.225 ug/L	99
30) Cyclohexane	4.73	56	43972	4.828 ug/L	100
31) Carbon tetrachloride	4.88	117	50524	5.128 ug/L	100
33) Benzene	5.15	78	136080	5.461 ug/L	100
34) Trichloroethene	5.96	95	36514	5.022 ug/L	96
35) Methylcyclohexane	6.18	83	48784	4.803 ug/L	99
37) 1,2-Dichloropropane	6.23	63	36876	5.485 ug/L	100
38) Bromodichloromethane	6.56	83	44510	5.412 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	44796	5.196 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	228112	59.869 ug/L	100
42) Toluene	7.44	91	146971	5.552 ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	38628	5.510 ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	26687	5.659 ug/L	96
47) Tetrachloroethene	8.02	164	33597	5.173 ug/L	95
48) 2-Hexanone	8.19	43	166826	64.494 ug/L	97
49) Dibromochloromethane	8.30	129	32110	5.458 ug/L	99
50) 1,2-Dibromoethane	8.40	107	24257	5.666 ug/L	97
51) Chlorobenzene	8.93	112	101465	5.481 ug/L	99
52) Ethylbenzene	9.06	91	155236	5.373 ug/L	100
53) m,p-xylene	9.19	106	60256	5.502 ug/L	96
54) o-xylene	9.59	106	57792	5.527 ug/L	98
55) Styrene	9.61	104	103017	5.785 ug/L	100
56) Isopropylbenzene	9.98	105	156782	5.451 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	29746	5.441 ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	23107	5.887 ug/L	96
61) Bromoform	9.78	173	17980	5.579 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	82631	5.303 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	84958	5.349 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	81704	5.427 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	4311	5.483 ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	68777	5.180 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	52825	5.333 ug/L	100
69) Naphthalene	13.56	128	65206	5.156 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	51597	5.478 ug/L	98

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

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