Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080418\
Data File : VV006893.D
Acq On : 04 Aug 2018 20:32
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00562

Quant Time: Aug 06 03:25:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 06 03:23:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	293444	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	289235	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	129985	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	117425	5.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 115.60%			
7) Chloroethane-d5	1.58	69	105098	5.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 119.00%			
11) 1,1-Dichloroethene-d2	2.13	63	226447	6.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 120.20%			
20) 2-Butanone-d5	3.97	46	315303	63.97	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.94%			
24) Chloroform-d	4.41	84	223325	6.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 125.60%#			
26) 1,2-Dichloroethane-d4	5.09	65	112752	6.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 125.80%			
32) Benzene-d6	5.10	84	415573	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
36) 1,2-Dichloropropane-d6	6.12	67	142445	5.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.60%			
41) Toluene-d8	7.36	98	387751	5.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.20%			
43) trans-1,3-Dichloropropene-	7.67	79	48883	5.36	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.20%			
46) 2-Hexanone-d5	8.15	63	214270	52.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.56%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	118556	6.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 123.60%#			
64) 1,2-Dichlorobenzene-d4	11.68	152	128295	5.32	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	132314	5.65	ug/L	99
3) Chloromethane	1.25	50	133672	3.94	ug/L	98
5) Vinyl chloride	1.32	62	152947	5.81	ug/L	97
6) Bromomethane	1.54	94	25379	3.87	ug/L	98
8) Chloroethane	1.60	64	98591	5.57	ug/L	98
9) Trichlorofluoromethane	1.77	101	187106	5.81	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	115155	5.69	ug/L	99
12) 1,1-Dichloroethene	2.14	96	106371	5.67	ug/L	88
13) Acetone	2.21	43	220719	63.50	ug/L	99
14) Carbon disulfide	2.32	76	315735	5.68	ug/L	96
15) Methyl Acetate	2.47	43	64927	6.21	ug/L	100
16) Methylene chloride	2.54	84	124753	5.56	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	302325	6.01	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	115897	5.67	ug/L	98
19) 1,1-Dichloroethane	3.23	63	235845	6.18	ug/L	99
21) 2-Butanone	4.06	43	334877	63.04	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	118466	5.40	ug/L	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 06 03:23:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	53494	5.61	ug/L		92
25) Chloroform	4.43	83	218975	5.90	ug/L		98
27) 1,2-Dichloroethane	5.19	62	136138	6.03	ug/L		98
29) 1,1,1-Trichloroethane	4.66	97	184010	5.49	ug/L		98
30) Cyclohexane	4.73	56	154520	4.45	ug/L		100
31) Carbon tetrachloride	4.88	117	152095	5.51	ug/L		99
33) Benzene	5.15	78	459955	5.18	ug/L		100
34) Trichloroethene	5.96	95	111213	4.92	ug/L		97
35) Methylcyclohexane	6.18	83	152764	4.25	ug/L		93
37) 1,2-Dichloropropane	6.23	63	127037	5.45	ug/L	#	97
38) Bromodichloromethane	6.56	83	151191	5.70	ug/L		96
39) cis-1,3-Dichloropropene	7.08	75	147081	4.89	ug/L		98
40) 4-Methyl-2-pentanone	7.29	43	753603	58.44	ug/L		97
42) Toluene	7.44	91	462360	5.29	ug/L		98
44) trans-1,3-Dichloropropene	7.70	75	126708	5.11	ug/L		95
45) 1,1,2-Trichloroethane	7.89	97	91307	5.42	ug/L		95
47) Tetrachloroethene	8.02	164	89586	4.97	ug/L		96
48) 2-Hexanone	8.20	43	568343	64.95	ug/L		98
49) Dibromochloromethane	8.30	129	96570	5.67	ug/L		97
50) 1,2-Dibromoethane	8.40	107	79739	5.55	ug/L		96
51) Chlorobenzene	8.93	112	287118	5.10	ug/L		98
52) Ethylbenzene	9.06	91	431192	4.72	ug/L		99
53) m,p-xylene	9.19	106	161663	4.77	ug/L		95
54) o-xylene	9.59	106	154643	4.52	ug/L		99
55) Styrene	9.61	104	263607	4.90	ug/L		99
56) Isopropylbenzene	9.98	105	409914	4.71	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.29	83	116647	5.72	ug/L		99
59) 1,2,3-Trichloropropane	10.32	75	83748	5.84	ug/L		97
61) Bromoform	9.78	173	51081	5.77	ug/L		99
62) 1,3-Dichlorobenzene	11.23	146	198607	4.83	ug/L		100
63) 1,4-Dichlorobenzene	11.32	146	204887	5.04	ug/L		100
65) 1,2-Dichlorobenzene	11.70	146	204612	5.08	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.48	75	16271	5.80	ug/L		94
67) 1,3,5-Trichlorobenzene	12.70	180	153077	4.84	ug/L		99
68) 1,2,4-trichlorobenzene	13.32	180	114623	4.67	ug/L		99
69) Naphthalene	13.56	128	184410	4.31	ug/L		99
70) 1,2,3-Trichlorobenzene	13.80	180	117402	4.95	ug/L		96

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

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