Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080718\
Data File : VV006928.D
Acq On : 08 Aug 2018 05:18
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00572

Quant Time: Aug 08 07:12:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 08 07:06:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	208965	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202744	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90368	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58439	4.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.20%			
7) Chloroethane-d5	1.58	69	55126	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.00%			
11) 1,1-Dichloroethene-d2	2.13	63	119770	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.00%			
20) 2-Butanone-d5	3.97	46	229213	57.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.66%			
24) Chloroform-d	4.41	84	138390	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
26) 1,2-Dichloroethane-d4	5.09	65	73067	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
32) Benzene-d6	5.10	84	251779	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
36) 1,2-Dichloropropane-d6	6.12	67	88066	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	7.36	98	222882	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
43) trans-1,3-Dichloropropene-	7.67	79	27892	4.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.80%			
46) 2-Hexanone-d5	8.15	63	131648	54.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.76%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73749	5.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	75313	5.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	88344	5.21	ug/L	99
3) Chloromethane	1.25	50	85864	3.82	ug/L	97
5) Vinyl chloride	1.32	62	96398	4.91	ug/L	99
6) Bromomethane	1.54	94	20209	4.31	ug/L	98
8) Chloroethane	1.60	64	60126	4.86	ug/L	100
9) Trichlorofluoromethane	1.77	101	120442	5.03	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	72043	4.98	ug/L	95
12) 1,1-Dichloroethene	2.14	96	68637	4.97	ug/L	94
13) Acetone	2.21	43	126958	48.65	ug/L	97
14) Carbon disulfide	2.32	76	208819	4.92	ug/L	99
15) Methyl Acetate	2.47	43	34240	4.78	ug/L	95
16) Methylene chloride	2.54	84	80077	4.46	ug/L	94
17) Methyl tert-butyl Ether	2.82	73	187439	5.22	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	76327	5.08	ug/L	99
19) 1,1-Dichloroethane	3.23	63	141419	4.88	ug/L	99
21) 2-Butanone	4.06	43	244648	56.97	ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	80438	5.36	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	35020	5.67	ug/L		92
25) Chloroform	4.43	83	148079	5.26	ug/L		97
27) 1,2-Dichloroethane	5.19	62	93746	5.16	ug/L		100
29) 1,1,1-Trichloroethane	4.66	97	120917	5.03	ug/L		99
30) Cyclohexane	4.73	56	114855	4.79	ug/L		97
31) Carbon tetrachloride	4.88	117	102498	5.06	ug/L		99
33) Benzene	5.15	78	320861	5.13	ug/L		100
34) Trichloroethene	5.96	95	75870	5.22	ug/L		98
35) Methylcyclohexane	6.18	83	109135	4.83	ug/L		98
37) 1,2-Dichloropropane	6.23	63	90075	5.18	ug/L		99
38) Bromodichloromethane	6.56	83	99541	5.04	ug/L		97
39) cis-1,3-Dichloropropene	7.08	75	93997	4.73	ug/L		97
40) 4-Methyl-2-pentanone	7.29	43	538603	55.50	ug/L		98
42) Toluene	7.44	91	311737	5.32	ug/L		100
44) trans-1,3-Dichloropropene	7.70	75	81011	4.85	ug/L		97
45) 1,1,2-Trichloroethane	7.89	97	58910	5.40	ug/L		99
47) Tetrachloroethene	8.02	164	62682	5.66	ug/L		96
48) 2-Hexanone	8.20	43	408970	60.27	ug/L		97
49) Dibromochloromethane	8.30	129	63265	5.48	ug/L		93
50) 1,2-Dibromoethane	8.40	107	50411	5.52	ug/L		98
51) Chlorobenzene	8.93	112	187976	5.27	ug/L		98
52) Ethylbenzene	9.06	91	297689	5.15	ug/L		100
53) m,p-xylene	9.19	106	109927	5.28	ug/L		93
54) o-xylene	9.59	106	106220	5.21	ug/L		99
55) Styrene	9.61	104	177536	5.36	ug/L		98
56) Isopropylbenzene	9.98	105	273643	5.16	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	75787	5.36	ug/L		97
59) 1,2,3-Trichloropropane	10.32	75	55053	5.55	ug/L		97
61) Bromoform	9.78	173	33630	5.19	ug/L		97
62) 1,3-Dichlorobenzene	11.23	146	128919	5.13	ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	132298	5.33	ug/L		96
65) 1,2-Dichlorobenzene	11.70	146	132773	5.30	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.48	75	10635	4.87	ug/L	#	89
67) 1,3,5-Trichlorobenzene	12.70	180	99448	5.26	ug/L		99
68) 1,2,4-trichlorobenzene	13.32	180	73667	5.52	ug/L		94
69) Naphthalene	13.56	128	110030	5.27	ug/L		99
70) 1,2,3-Trichlorobenzene	13.80	180	72822	5.52	ug/L		100

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

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