Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073118\
Data File : VV006797.D
Acq On : 31 Jul 2018 20:46
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00569

Quant Time: Aug 01 01:47:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 01 01:43:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	211644	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	195854	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93247	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	47979	4.36	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.20%			
7) Chloroethane-d5	1.58	69	46220	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.80%			
11) 1,1-Dichloroethene-d2	2.13	63	104715	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.00%			
20) 2-Butanone-d5	3.95	46	186290	54.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.26%			
24) Chloroform-d	4.41	84	117885	5.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.00%			
26) 1,2-Dichloroethane-d4	5.09	65	57698	5.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.60%			
32) Benzene-d6	5.10	84	223521	5.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.00%			
36) 1,2-Dichloropropane-d6	6.12	67	77530	5.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 114.00%			
41) Toluene-d8	7.36	98	198169	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.60%			
43) trans-1,3-Dichloropropene-	7.67	79	25148	5.67	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 113.40%			
46) 2-Hexanone-d5	8.14	63	156237	55.60	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.20%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	63295	5.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	77767	5.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	85185	4.47	ug/L #	85
3) Chloromethane	1.26	50	97211	6.01	ug/L	99
5) Vinyl chloride	1.32	62	95633	4.72	ug/L	90
6) Bromomethane	1.52	94	10165	2.05	ug/L	98
8) Chloroethane	1.59	64	60641	5.47	ug/L	98
9) Trichlorofluoromethane	1.77	101	111081	4.78	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	68428	4.83	ug/L	99
12) 1,1-Dichloroethene	2.14	96	68065	4.91	ug/L	97
13) Acetone	2.19	43	112675	51.46	ug/L	99
14) Carbon disulfide	2.32	76	213130	4.57	ug/L	100
15) Methyl Acetate	2.46	43	33622	5.18	ug/L	99
16) Methylene chloride	2.54	84	78850	4.96	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	178790	5.26	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	78177	5.19	ug/L	98
19) 1,1-Dichloroethane	3.23	63	149517	5.40	ug/L	99
21) 2-Butanone	4.03	43	190360	51.90	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	84319	5.37	ug/L	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 01 01:43:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	33891	5.24 ug/L	98
25) Chloroform	4.43	83	139479	5.37 ug/L	98
27) 1,2-Dichloroethane	5.19	62	80277	5.26 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	114082	5.41 ug/L	100
30) Cyclohexane	4.72	56	111784	4.74 ug/L	98
31) Carbon tetrachloride	4.88	117	92574	5.14 ug/L	100
33) Benzene	5.15	78	319953	5.43 ug/L	100
34) Trichloroethene	5.96	95	77879	5.24 ug/L	98
35) Methylcyclohexane	6.18	83	115050	4.63 ug/L	99
37) 1,2-Dichloropropane	6.23	63	83067	5.50 ug/L	100
38) Bromodichloromethane	6.56	83	90730	5.37 ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	104673	5.32 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	445244	53.59 ug/L	99
42) Toluene	7.44	91	330562	5.45 ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	83060	5.36 ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	54779	5.38 ug/L	99
47) Tetrachloroethene	8.02	164	61973	5.25 ug/L	98
48) 2-Hexanone	8.19	43	312373	53.88 ug/L	100
49) Dibromochloromethane	8.30	129	57982	5.38 ug/L	98
50) 1,2-Dibromoethane	8.40	107	48798	5.36 ug/L	98
51) Chlorobenzene	8.93	112	213500	5.41 ug/L	100
52) Ethylbenzene	9.06	91	347570	5.38 ug/L	99
53) m,p-xylene	9.19	106	133015	5.45 ug/L	99
54) o-xylene	9.59	106	131256	5.52 ug/L	100
55) Styrene	9.61	104	222147	5.54 ug/L	99
56) Isopropylbenzene	9.98	105	339038	5.49 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	67062	5.39 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	48186	5.42 ug/L	99
61) Bromoform	9.78	173	29173	5.15 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	155696	5.40 ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	158999	5.41 ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	151969	5.41 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	9407	5.60 ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	122176	5.55 ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	99144	5.67 ug/L	99
69) Naphthalene	13.56	128	175900	5.88 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	94815	5.73 ug/L	99

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

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