Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062718\
Data File : VV006484.D
Acq On : 27 Jun 2018 17:34
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00565

Quant Time: Jun 28 01:19:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 28 01:18:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	318996	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	290092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	141125	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	87339	4.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.20%			
7) Chloroethane-d5	1.59	69	75471	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.40%			
11) 1,1-Dichloroethene-d2	2.14	63	165460	4.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.00%			
20) 2-Butanone-d5	3.98	46	213235	54.25	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.50%			
24) Chloroform-d	4.41	84	171767	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.09	65	82286	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.10	84	352876	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.12	67	109121	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.36	98	329280	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
43) trans-1,3-Dichloropropene-	7.67	79	35207	4.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.00%			
46) 2-Hexanone-d5	8.14	63	177703	54.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.22%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68337	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	126844	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	113822	4.87	ug/L	90
3) Chloromethane	1.26	50	111606	4.66	ug/L	98
5) Vinyl chloride	1.33	62	124266	4.77	ug/L	99
6) Bromomethane	1.54	94	70190	4.65	ug/L	99
8) Chloroethane	1.60	64	78230	4.74	ug/L	99
9) Trichlorofluoromethane	1.77	101	158590	5.07	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	101430	5.16	ug/L	99
12) 1,1-Dichloroethene	2.15	96	92722	4.81	ug/L	89
13) Acetone	2.23	43	123312	51.19	ug/L	96
14) Carbon disulfide	2.32	76	218277	4.01	ug/L	100
15) Methyl Acetate	2.48	43	34243	4.83	ug/L	97
16) Methylene chloride	2.54	84	104197	4.61	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	223876	4.79	ug/L	99
18) trans-1,2-Dichloroethene	2.80	96	102081	4.83	ug/L	99
19) 1,1-Dichloroethane	3.23	63	178871	4.75	ug/L	99
21) 2-Butanone	4.06	43	203737	46.80	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	110766	4.77	ug/L	96

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 28 01:18:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	45083	4.78 ug/L	96
25) Chloroform	4.44	83	183603	4.84 ug/L	98
27) 1,2-Dichloroethane	5.19	62	102643	4.82 ug/L	99
29) 1,1,1-Trichloroethane	4.67	97	147393	4.66 ug/L	100
30) Cyclohexane	4.73	56	152316	4.82 ug/L	100
31) Carbon tetrachloride	4.88	117	121465	4.58 ug/L	100
33) Benzene	5.15	78	413496	4.83 ug/L	100
34) Trichloroethene	5.96	95	114516	4.67 ug/L	97
35) Methylcyclohexane	6.18	83	174735	4.90 ug/L	100
37) 1,2-Dichloropropane	6.23	63	100160	4.78 ug/L	100
38) Bromodichloromethane	6.56	83	106760	4.43 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	131983	4.53 ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	491427	48.24 ug/L	100
42) Toluene	7.44	91	443476	4.89 ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	100345	4.39 ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	71743	4.96 ug/L	98
47) Tetrachloroethene	8.02	164	89428	4.83 ug/L	99
48) 2-Hexanone	8.20	43	355592	48.52 ug/L	99
49) Dibromochloromethane	8.30	129	67968	4.41 ug/L	99
50) 1,2-Dibromoethane	8.40	107	63163	4.86 ug/L	100
51) Chlorobenzene	8.93	112	289921	4.83 ug/L	99
52) Ethylbenzene	9.06	91	482678	4.91 ug/L	100
53) m,p-xylene	9.19	106	186105	4.91 ug/L	100
54) o-xylene	9.59	106	181980	4.90 ug/L	99
55) Styrene	9.61	104	304562	5.01 ug/L	100
56) Isopropylbenzene	9.98	105	477184	4.93 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	62587	4.59 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	54832	4.81 ug/L	97
61) Bromoform	9.78	173	32937	4.16 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	220985	4.75 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	221423	4.76 ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	211584	4.86 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	7465	4.04 ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	170390	4.82 ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	127701	4.93 ug/L	99
69) Naphthalene	13.56	128	176362	4.66 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	118439	4.91 ug/L	99

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

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