Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092118\
Data File : VV007702.D
Acq On : 21 Sep 2018 16:51
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00576

Quant Time: Sep 21 17:12:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 03:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	97481	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92225	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52660	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	15352	3.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.60%			
7) Chloroethane-d5	1.59	69	16585	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.20%			
11) 1,1-Dichloroethene-d2	2.14	63	46503	4.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.40%			
20) 2-Butanone-d5	3.97	46	55178	53.99	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.98%			
24) Chloroform-d	4.41	84	46783	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
26) 1,2-Dichloroethane-d4	5.09	65	23500	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.10	84	80197	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
36) 1,2-Dichloropropane-d6	6.12	67	25101	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.36	98	80826	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
43) trans-1,3-Dichloropropene-	7.67	79	9779	4.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.20%			
46) 2-Hexanone-d5	8.14	63	40199	47.56	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.12%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22722	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	39729	4.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	40546	5.171	ug/L	99
3) Chloromethane	1.25	50	30876	5.076	ug/L	98
5) Vinyl chloride	1.32	62	35932	5.072	ug/L	99
6) Bromomethane	1.54	94	23544	4.949	ug/L	100
8) Chloroethane	1.60	64	24539	5.322	ug/L	99
9) Trichlorofluoromethane	1.77	101	78137	5.274	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	43106	5.348	ug/L	98
12) 1,1-Dichloroethene	2.15	96	38013	5.351	ug/L	93
13) Acetone	2.22	43	48694	49.457	ug/L	98
14) Carbon disulfide	2.32	76	89907	4.749	ug/L	100
15) Methyl Acetate	2.47	43	12261	5.051	ug/L	98
16) Methylene chloride	2.54	84	38729	5.371	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	86713	5.217	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	40801	5.229	ug/L	97
19) 1,1-Dichloroethane	3.23	63	52556	4.965	ug/L	98
21) 2-Butanone	4.05	43	63000	50.728	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	36291	5.265	ug/L	100

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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	4.31	128	16895	5.386	ug/L	97
25) Chloroform	4.43	83	61556	5.446	ug/L	99
27) 1,2-Dichloroethane	5.19	62	36427	5.332	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	56043	5.118	ug/L	99
30) Cyclohexane	4.73	56	45960	4.919	ug/L	97
31) Carbon tetrachloride	4.88	117	52213	5.212	ug/L	99
33) Benzene	5.15	78	127000	5.186	ug/L	100
34) Trichloroethene	5.96	95	36197	5.024	ug/L	98
35) Methylcyclohexane	6.18	83	56373	5.068	ug/L	99
37) 1,2-Dichloropropane	6.23	63	30123	5.093	ug/L	99
38) Bromodichloromethane	6.56	83	38280	4.905	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	42806	5.002	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	161190	50.375	ug/L	99
42) Toluene	7.44	91	146097	5.238	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	33997	4.895	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	24227	5.322	ug/L	94
47) Tetrachloroethene	8.02	164	37704	5.325	ug/L	98
48) 2-Hexanone	8.19	43	115476	50.956	ug/L	98
49) Dibromochloromethane	8.30	129	28507	5.031	ug/L	97
50) 1,2-Dibromoethane	8.40	107	22992	5.327	ug/L	98
51) Chlorobenzene	8.93	112	101334	5.238	ug/L	99
52) Ethylbenzene	9.06	91	165088	5.235	ug/L	100
53) m,p-xylene	9.19	106	64589	5.211	ug/L	97
54) o-xylene	9.59	106	63885	5.237	ug/L	99
55) Styrene	9.61	104	103294	5.181	ug/L	98
56) Isopropylbenzene	9.98	105	172163	5.187	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	26795	5.157	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	19078	5.263	ug/L	98
61) Bromoform	9.78	173	15290	4.502	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	90385	5.170	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	91301	5.194	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	84335	5.128	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	3572	4.775	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	77043	5.086	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	61111	4.947	ug/L	99
69) Naphthalene	13.56	128	78871	4.274	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	55891	4.914	ug/L	96

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

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