Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100318\
Data File : VV008053.D
Acq On : 03 Oct 2018 18:24
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00569

Quant Time: Oct 04 07:55:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 04 07:54:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91003	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90041	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49105	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	20908	4.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.60%			
7) Chloroethane-d5	1.58	69	19162	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.00%			
11) 1,1-Dichloroethene-d2	2.14	63	48620	4.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.20%			
20) 2-Butanone-d5	3.96	46	81510	55.55	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.10%			
24) Chloroform-d	4.41	84	58014	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.40%			
26) 1,2-Dichloroethane-d4	5.09	65	30150	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.10	84	104248	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.12	67	33215	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.36	98	105808	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	7.67	79	12239	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.20%			
46) 2-Hexanone-d5	8.14	63	62163	53.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.34%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	27942	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	44749	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	38109	4.993	ug/L	99
3) Chloromethane	1.25	50	31369	4.619	ug/L	100
5) Vinyl chloride	1.32	62	35365	4.864	ug/L	96
6) Bromomethane	1.54	94	20747	4.626	ug/L	98
8) Chloroethane	1.60	64	21551	4.915	ug/L	98
9) Trichlorofluoromethane	1.77	101	58086	4.894	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34755	5.163	ug/L	98
12) 1,1-Dichloroethene	2.15	96	29356	4.880	ug/L	92
13) Acetone	2.21	43	52338	48.954	ug/L	98
14) Carbon disulfide	2.32	76	70001	4.293	ug/L	98
15) Methyl Acetate	2.47	43	13990	5.117	ug/L	98
16) Methylene chloride	2.54	84	33478	5.009	ug/L	95
17) Methyl tert-butyl Ether	2.81	73	76777	5.166	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	31769	4.791	ug/L	98
19) 1,1-Dichloroethane	3.23	63	58708	5.189	ug/L	98
21) 2-Butanone	4.05	43	89276	52.412	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	35307	5.259	ug/L	99

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	16561	5.672 ug/L	91
25) Chloroform	4.43	83	65012	5.313 ug/L	100
27) 1,2-Dichloroethane	5.19	62	40506	5.144 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	56428	5.212 ug/L	100
30) Cyclohexane	4.72	56	47000	4.618 ug/L	99
31) Carbon tetrachloride	4.87	117	50675	5.309 ug/L	96
33) Benzene	5.15	78	132527	5.140 ug/L	100
34) Trichloroethene	5.96	95	36729	4.975 ug/L	95
35) Methylcyclohexane	6.18	83	52186	4.714 ug/L	99
37) 1,2-Dichloropropane	6.23	63	35141	5.335 ug/L	98
38) Bromodichloromethane	6.56	83	42455	5.391 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	45016	5.109 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	222012	53.702 ug/L	100
42) Toluene	7.43	91	147165	5.241 ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	38831	5.302 ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	24543	5.163 ug/L	96
47) Tetrachloroethene	8.02	164	33861	4.950 ug/L	99
48) 2-Hexanone	8.19	43	158989	55.294 ug/L	99
49) Dibromochloromethane	8.29	129	30173	5.561 ug/L	99
50) 1,2-Dibromoethane	8.40	107	23711	5.457 ug/L	97
51) Chlorobenzene	8.93	112	98360	5.072 ug/L	97
52) Ethylbenzene	9.06	91	158252	5.052 ug/L	100
53) m,p-xylene	9.18	106	61040	5.117 ug/L	98
54) o-xylene	9.59	106	59419	5.158 ug/L	97
55) Styrene	9.61	104	103574	5.264 ug/L	98
56) Isopropylbenzene	9.98	105	162204	5.199 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	29494	5.283 ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	22459	5.480 ug/L	97
61) Bromoform	9.78	173	16656	5.648 ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	82068	5.062 ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	84538	5.015 ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	80351	5.258 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	3974	5.105 ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	70040	5.046 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	56269	4.796 ug/L	98
69) Naphthalene	13.56	128	72689	4.429 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	52802	4.970 ug/L	99

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

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