Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
Data File : VV008055.D
Acq On : 04 Oct 2018 11:17
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00570

Quant Time: Oct 05 05:18:15 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	96828	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	93846	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50750	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	22381	4.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.20%			
7) Chloroethane-d5	1.59	69	19821	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.40%			
11) 1,1-Dichloroethene-d2	2.14	63	51664	4.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.20%			
20) 2-Butanone-d5	3.96	46	77658	49.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.48%			
24) Chloroform-d	4.41	84	57749	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.09	65	29769	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
32) Benzene-d6	5.10	84	108035	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.12	67	34057	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	7.36	98	108032	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	7.67	79	13379	4.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.80%			
46) 2-Hexanone-d5	8.14	63	56926	47.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.32%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26100	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	43632	4.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	41126	5.064	ug/L	98
3) Chloromethane	1.25	50	33879	4.689	ug/L	98
5) Vinyl chloride	1.32	62	36373	4.702	ug/L	97
6) Bromomethane	1.54	94	22339	4.682	ug/L	99
8) Chloroethane	1.60	64	22180	4.754	ug/L	100
9) Trichlorofluoromethane	1.77	101	61897	4.901	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	36357	5.076	ug/L	99
12) 1,1-Dichloroethene	2.14	96	30650	4.789	ug/L	98
13) Acetone	2.21	43	51115	44.934	ug/L	99
14) Carbon disulfide	2.32	76	74999	4.323	ug/L	99
15) Methyl Acetate	2.47	43	12871	4.424	ug/L	98
16) Methylene chloride	2.54	84	33049	4.647	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	75546	4.777	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	33278	4.717	ug/L	96
19) 1,1-Dichloroethane	3.23	63	61691	5.125	ug/L	99
21) 2-Butanone	4.05	43	85007	46.904	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	37604	5.264	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	16952	5.457	ug/L	92
25) Chloroform	4.43	83	68033	5.225	ug/L	98
27) 1,2-Dichloroethane	5.19	62	40138	4.790	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	60421	5.354	ug/L	99
30) Cyclohexane	4.73	56	50869	4.795	ug/L	99
31) Carbon tetrachloride	4.88	117	54011	5.429	ug/L	100
33) Benzene	5.15	78	138652	5.160	ug/L	100
34) Trichloroethene	5.96	95	38675	5.026	ug/L	96
35) Methylcyclohexane	6.18	83	56197	4.871	ug/L	99
37) 1,2-Dichloropropane	6.23	63	36226	5.277	ug/L	99
38) Bromodichloromethane	6.56	83	44803	5.458	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	48515	5.283	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	209936	48.722	ug/L	100
42) Toluene	7.43	91	153660	5.251	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	40359	5.287	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	25063	5.059	ug/L	98
47) Tetrachloroethene	8.02	164	36686	5.145	ug/L	98
48) 2-Hexanone	8.19	43	148420	49.526	ug/L	100
49) Dibromochloromethane	8.29	129	31750	5.614	ug/L	100
50) 1,2-Dibromoethane	8.40	107	23391	5.165	ug/L	98
51) Chlorobenzene	8.93	112	104707	5.180	ug/L	98
52) Ethylbenzene	9.06	91	167003	5.116	ug/L	98
53) m,p-xylene	9.18	106	63456	5.104	ug/L	100
54) o-xylene	9.59	106	61343	5.109	ug/L	98
55) Styrene	9.61	104	107578	5.246	ug/L	100
56) Isopropylbenzene	9.98	105	169698	5.218	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	29260	5.029	ug/L	94
59) 1,2,3-Trichloropropane	10.32	75	21639	5.066	ug/L	99
61) Bromoform	9.78	173	17635	5.786	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	86312	5.152	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	88275	5.067	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	83574	5.291	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	4296	5.339	ug/L	88
67) 1,3,5-Trichlorobenzene	12.70	180	75237	5.245	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	57166	4.715	ug/L	99
69) Naphthalene	13.56	128	69711	4.110	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	54123	4.929	ug/L	99

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

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