Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062019\
Data File : VV011632.D
Acq On : 19 Jun 2019 22:36
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00537

Quant Time: Jun 20 02:12:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	176987	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	164287	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	75664	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58509	4.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.60%			
7) Chloroethane-d5	1.58	69	40606	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.12	63	117837	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.60%			
20) 2-Butanone-d5	3.96	46	173404	46.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.24%			
24) Chloroform-d	4.40	84	108070	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
26) 1,2-Dichloroethane-d4	5.08	65	65926	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.09	84	232945	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.11	67	70903	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.20%			
41) Toluene-d8	7.36	98	213217	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
43) trans-1,3-Dichloropropene-	7.66	79	23915	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.13	63	130835	43.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.58%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52039	4.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	72471	4.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	78729	4.986	ug/L	99
3) Chloromethane	1.25	50	68877	4.027	ug/L	100
5) Vinyl chloride	1.32	62	70344	4.165	ug/L	97
6) Bromomethane	1.53	94	36282	5.137	ug/L	100
8) Chloroethane	1.60	64	36843	4.504	ug/L	93
9) Trichlorofluoromethane	1.76	101	90199	4.848	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	54318	5.111	ug/L	99
12) 1,1-Dichloroethene	2.13	96	49637	4.509	ug/L	96
13) Acetone	2.22	43	108438	42.794	ug/L	100
14) Carbon disulfide	2.31	76	110388	3.710	ug/L	98
15) Methyl Acetate	2.46	43	27753	4.132	ug/L	97
16) Methylene chloride	2.53	84	53015	4.238	ug/L	92
17) Methyl tert-butyl Ether	2.81	73	151618	4.594	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	57756	4.641	ug/L	96
19) 1,1-Dichloroethane	3.22	63	118956	4.620	ug/L	97
21) 2-Butanone	4.04	43	185739	46.330	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	65766	4.664	ug/L	95

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	24299	4.385	ug/L	98
25) Chloroform	4.42	83	134198	5.194	ug/L	98
27) 1,2-Dichloroethane	5.18	62	82670	4.540	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	101171	4.950	ug/L	98
30) Cyclohexane	4.71	56	105509	4.996	ug/L	99
31) Carbon tetrachloride	4.87	117	83319	5.037	ug/L	98
33) Benzene	5.14	78	257562	4.800	ug/L	100
34) Trichloroethene	5.95	95	67313	4.919	ug/L	97
35) Methylcyclohexane	6.17	83	99409	5.095	ug/L	98
37) 1,2-Dichloropropane	6.22	63	64845	4.540	ug/L	100
38) Bromodichloromethane	6.55	83	75943	4.680	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	83836	4.663	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	470251	46.184	ug/L	99
42) Toluene	7.43	91	266741	4.797	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	65773	4.782	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	44334	4.650	ug/L	96
47) Tetrachloroethene	8.02	164	48342	4.954	ug/L	97
48) 2-Hexanone	8.19	43	326232	45.576	ug/L	98
49) Dibromochloromethane	8.29	129	43649	4.556	ug/L	98
50) 1,2-Dibromoethane	8.40	107	39933	4.631	ug/L	100
51) Chlorobenzene	8.92	112	165086	4.834	ug/L	97
52) Ethylbenzene	9.05	91	295948	5.067	ug/L	99
53) m,p-xylene	9.18	106	110477	5.169	ug/L	96
54) o-xylene	9.59	106	108647	5.061	ug/L	97
55) Styrene	9.60	104	176604	4.960	ug/L	100
56) Isopropylbenzene	9.97	105	290518	5.317	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	53727	4.608	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	41543	4.658	ug/L	99
61) Bromoform	9.77	173	20197	4.187	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	121366	4.947	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	121693	4.869	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	119934	4.857	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	6618	3.690	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	88675	4.948	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	72222	5.020	ug/L	97
69) Naphthalene	13.55	128	121744	4.303	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	68412	4.903	ug/L	98

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

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