Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062519\
Data File : VV011744.D
Acq On : 25 Jun 2019 09:48
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00549

Quant Time: Jun 26 01:37:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 25 08:19:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	211649	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	197130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	94844	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54332	3.87	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.40%			
7) Chloroethane-d5	1.58	69	40210	4.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.40%			
11) 1,1-Dichloroethene-d2	2.12	63	119546	4.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.80%			
20) 2-Butanone-d5	3.95	46	190537	51.49	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.98%			
24) Chloroform-d	4.40	84	123851	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.08	65	70116	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
32) Benzene-d6	5.09	84	245415	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.12	67	77735	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.36	98	222794	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
43) trans-1,3-Dichloropropene-	7.66	79	28400	4.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.00%			
46) 2-Hexanone-d5	8.14	63	150549	54.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.42%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	58769	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	79641	4.45	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	102001	4.633	ug/L	99
3) Chloromethane	1.25	50	98139	4.913	ug/L	98
5) Vinyl chloride	1.32	62	93372	4.771	ug/L	94
6) Bromomethane	1.53	94	35384	4.148	ug/L	99
8) Chloroethane	1.59	64	45334	4.432	ug/L	96
9) Trichlorofluoromethane	1.76	101	125282	4.948	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	71673	4.995	ug/L	98
12) 1,1-Dichloroethene	2.13	96	63302	4.833	ug/L	93
13) Acetone	2.21	43	134153	50.188	ug/L	100
14) Carbon disulfide	2.31	76	159594	4.527	ug/L	99
15) Methyl Acetate	2.46	43	32869	4.938	ug/L	98
16) Methylene chloride	2.53	84	68261	4.677	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	182118	5.083	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	76707	4.981	ug/L	93
19) 1,1-Dichloroethane	3.22	63	152866	4.994	ug/L	97
21) 2-Butanone	4.04	43	230598	53.545	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	82319	4.864	ug/L	100

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00549

Quant Time: Jun 26 01:37:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 25 08:19:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	31802	4.987	ug/L		97
25) Chloroform	4.42	83	155282	4.620	ug/L		97
27) 1,2-Dichloroethane	5.18	62	101522	4.985	ug/L		100
29) 1,1,1-Trichloroethane	4.65	97	127660	5.030	ug/L		99
30) Cyclohexane	4.72	56	137720	4.750	ug/L		97
31) Carbon tetrachloride	4.87	117	106947	4.985	ug/L		98
33) Benzene	5.14	78	325324	4.978	ug/L		100
34) Trichloroethene	5.96	95	83044	4.792	ug/L		96
35) Methylcyclohexane	6.17	83	140128	5.008	ug/L		96
37) 1,2-Dichloropropane	6.22	63	83993	5.062	ug/L		100
38) Bromodichloromethane	6.55	83	95350	5.039	ug/L		96
39) cis-1,3-Dichloropropene	7.07	75	113884	5.230	ug/L		99
40) 4-Methyl-2-pentanone	7.28	43	572171	54.973	ug/L		99
42) Toluene	7.43	91	339757	4.975	ug/L		98
44) trans-1,3-Dichloropropene	7.69	75	88514	5.488	ug/L		96
45) 1,1,2-Trichloroethane	7.88	97	52970	5.029	ug/L		95
47) Tetrachloroethene	8.02	164	64532	5.000	ug/L		95
48) 2-Hexanone	8.19	43	416732	56.944	ug/L		99
49) Dibromochloromethane	8.29	129	56918	5.377	ug/L		99
50) 1,2-Dibromoethane	8.40	107	49613	5.159	ug/L	#	96
51) Chlorobenzene	8.92	112	209100	4.938	ug/L		100
52) Ethylbenzene	9.05	91	375159	4.978	ug/L		99
53) m,p-xylene	9.18	106	140022	5.059	ug/L		99
54) o-xylene	9.59	106	137898	5.096	ug/L		96
55) Styrene	9.60	104	230432	5.343	ug/L		98
56) Isopropylbenzene	9.97	105	363698	5.016	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	66929	5.344	ug/L		95
59) 1,2,3-Trichloropropane	10.32	75	49680	5.152	ug/L		100
61) Bromoform	9.77	173	27719	5.204	ug/L		98
62) 1,3-Dichlorobenzene	11.22	146	155596	4.863	ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	157102	4.754	ug/L		99
65) 1,2-Dichlorobenzene	11.69	146	149944	4.921	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.48	75	9172	5.255	ug/L		90
67) 1,3,5-Trichlorobenzene	12.69	180	117732	4.949	ug/L		98
68) 1,2,4-trichlorobenzene	13.31	180	98255	5.329	ug/L		99
69) Naphthalene	13.55	128	174993	5.806	ug/L		100
70) 1,2,3-Trichlorobenzene	13.79	180	91273	5.326	ug/L		97

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

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