Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061219\
Data File : VV011414.D
Acq On : 12 Jun 2019 10:13
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00548

Quant Time: Jun 13 01:09:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	128154	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	119184	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53550	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	48966	5.04	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.80%			
7) Chloroethane-d5	1.56	69	42770	5.30	ug/L	-0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.00%			
11) 1,1-Dichloroethene-d2	2.12	63	106805	5.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 110.00%			
20) 2-Butanone-d5	3.95	46	115393	52.78	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.56%			
24) Chloroform-d	4.39	84	96601	5.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.00%			
26) 1,2-Dichloroethane-d4	5.08	65	50831	5.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.00%			
32) Benzene-d6	5.09	84	182452	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
36) 1,2-Dichloropropane-d6	6.11	67	55010	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.35	98	169917	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
43) trans-1,3-Dichloropropene-	7.66	79	18402	4.40	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.00%			
46) 2-Hexanone-d5	8.13	63	88656	50.12	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.24%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37234	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	55175	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	57628	4.560	ug/L	99
3) Chloromethane	1.25	50	56770	4.646	ug/L	99
5) Vinyl chloride	1.32	62	57857	4.907	ug/L	92
6) Bromomethane	1.52	94	22022	3.590	ug/L	98
8) Chloroethane	1.57	64	36818	4.887	ug/L	98
9) Trichlorofluoromethane	1.75	101	83435	5.155	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	46819	5.636	ug/L	97
12) 1,1-Dichloroethene	2.13	96	40891	5.064	ug/L	97
13) Acetone	2.20	43	81746	55.768	ug/L	95
14) Carbon disulfide	2.31	76	103788	4.237	ug/L	98
15) Methyl Acetate	2.46	43	20540	5.276	ug/L	94
16) Methylene chloride	2.53	84	44061	5.296	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	111408	5.169	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	44799	4.956	ug/L	97
19) 1,1-Dichloroethane	3.22	63	89122	4.998	ug/L	97
21) 2-Butanone	4.03	43	117148	51.896	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	47577	4.752	ug/L	98

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Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00548

Quant Time: Jun 13 01:09:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	18428	4.802	ug/L	95
25) Chloroform	4.42	83	89799	4.876	ug/L	97
27) 1,2-Dichloroethane	5.18	62	58740	5.219	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	73468	4.833	ug/L	98
30) Cyclohexane	4.71	56	78089	4.633	ug/L	96
31) Carbon tetrachloride	4.87	117	59950	4.719	ug/L	100
33) Benzene	5.14	78	191340	5.045	ug/L	100
34) Trichloroethene	5.95	95	49692	5.072	ug/L	95
35) Methylcyclohexane	6.17	83	75640	4.668	ug/L	99
37) 1,2-Dichloropropane	6.22	63	47850	5.070	ug/L	99
38) Bromodichloromethane	6.55	83	54863	4.701	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	58760	4.255	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	290560	48.339	ug/L	98
42) Toluene	7.43	91	200683	4.965	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	45817	4.364	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	30461	5.042	ug/L	97
47) Tetrachloroethene	8.02	164	35676	5.039	ug/L	98
48) 2-Hexanone	8.19	43	203787	48.612	ug/L	98
49) Dibromochloromethane	8.29	129	30375	4.426	ug/L	100
50) 1,2-Dibromoethane	8.40	107	25952	4.519	ug/L	97
51) Chlorobenzene	8.92	112	122213	4.958	ug/L	98
52) Ethylbenzene	9.05	91	220545	4.913	ug/L	98
53) m,p-xylene	9.18	106	81217	4.892	ug/L	100
54) o-xylene	9.59	106	80099	4.917	ug/L	99
55) Styrene	9.60	104	132193	4.982	ug/L	96
56) Isopropylbenzene	9.97	105	214635	4.895	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	36270	4.951	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	26105	4.742	ug/L	98
61) Bromoform	9.77	173	13550	4.212	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	86127	4.864	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	88004	5.120	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	84546	5.166	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	5471	4.665	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	63039	4.948	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	48031	4.966	ug/L	96
69) Naphthalene	13.55	128	73836	4.664	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	44883	5.175	ug/L	97

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

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