Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062619\
Data File : VV011753.D
Acq On : 26 Jun 2019 10:38
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00551

Quant Time: Jun 26 10:59:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 26 01:40:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	194469	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	180585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	84947	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	61792	4.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.80%			
7) Chloroethane-d5	1.58	69	46108	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.60%			
11) 1,1-Dichloroethene-d2	2.12	63	125930	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.00%			
20) 2-Butanone-d5	3.95	46	163472	48.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.16%			
24) Chloroform-d	4.40	84	122378	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.00%			
26) 1,2-Dichloroethane-d4	5.08	65	68966	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	5.09	84	252776	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
36) 1,2-Dichloropropane-d6	6.12	67	76003	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.00%			
41) Toluene-d8	7.36	98	232883	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
43) trans-1,3-Dichloropropene-	7.66	79	27086	5.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.00%			
46) 2-Hexanone-d5	8.13	63	125810	49.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.90%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52493	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	77591	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	89212	4.410	ug/L	98
3) Chloromethane	1.25	50	85198	4.642	ug/L	98
5) Vinyl chloride	1.32	62	81959	4.558	ug/L	98
6) Bromomethane	1.53	94	31418	4.008	ug/L	96
8) Chloroethane	1.60	64	43208	4.598	ug/L	93
9) Trichlorofluoromethane	1.76	101	112658	4.842	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	63198	4.793	ug/L	99
12) 1,1-Dichloroethene	2.13	96	56760	4.716	ug/L	97
13) Acetone	2.21	43	109721	44.674	ug/L	100
14) Carbon disulfide	2.31	76	140189	4.328	ug/L	99
15) Methyl Acetate	2.46	43	27759	4.539	ug/L	99
16) Methylene chloride	2.53	84	64332	4.797	ug/L	94
17) Methyl tert-butyl Ether	2.81	73	149631	4.545	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	66160	4.676	ug/L	97
19) 1,1-Dichloroethane	3.22	63	130926	4.655	ug/L	97
21) 2-Butanone	4.04	43	185186	46.799	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	71509	4.599	ug/L	97

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00551

Quant Time: Jun 26 10:59:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 26 01:40:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	27512	4.696	ug/L		97
25) Chloroform	4.42	83	142723	4.622	ug/L		96
27) 1,2-Dichloroethane	5.18	62	87916	4.698	ug/L		99
29) 1,1,1-Trichloroethane	4.65	97	111322	4.788	ug/L		100
30) Cyclohexane	4.72	56	119114	4.485	ug/L		98
31) Carbon tetrachloride	4.87	117	92942	4.729	ug/L		100
33) Benzene	5.14	78	287108	4.796	ug/L		100
34) Trichloroethene	5.95	95	72536	4.569	ug/L		98
35) Methylcyclohexane	6.17	83	117372	4.579	ug/L		100
37) 1,2-Dichloropropane	6.22	63	71682	4.716	ug/L		99
38) Bromodichloromethane	6.55	83	81808	4.719	ug/L		97
39) cis-1,3-Dichloropropene	7.07	75	97823	4.904	ug/L		100
40) 4-Methyl-2-pentanone	7.28	43	451982	47.404	ug/L		99
42) Toluene	7.43	91	301434	4.819	ug/L		99
44) trans-1,3-Dichloropropene	7.69	75	73439	4.971	ug/L		100
45) 1,1,2-Trichloroethane	7.88	97	45929	4.760	ug/L		96
47) Tetrachloroethene	8.02	164	56544	4.783	ug/L		97
48) 2-Hexanone	8.19	43	325242	48.514	ug/L		99
49) Dibromochloromethane	8.29	129	47738	4.923	ug/L		100
50) 1,2-Dibromoethane	8.40	107	42401	4.813	ug/L	#	96
51) Chlorobenzene	8.92	112	182787	4.712	ug/L		99
52) Ethylbenzene	9.05	91	329755	4.776	ug/L		98
53) m,p-xylene	9.18	106	127049	5.010	ug/L		100
54) o-xylene	9.59	106	120588	4.864	ug/L		99
55) Styrene	9.60	104	200290	5.070	ug/L		97
56) Isopropylbenzene	9.97	105	316900	4.771	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	55065	4.800	ug/L		100
59) 1,2,3-Trichloropropane	10.32	75	39172	4.435	ug/L		96
61) Bromoform	9.77	173	22600	4.737	ug/L		99
62) 1,3-Dichlorobenzene	11.22	146	134018	4.677	ug/L		97
63) 1,4-Dichlorobenzene	11.32	146	134391	4.540	ug/L		100
65) 1,2-Dichlorobenzene	11.69	146	128914	4.724	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7980	5.105	ug/L		99
67) 1,3,5-Trichlorobenzene	12.69	180	102560	4.814	ug/L		99
68) 1,2,4-trichlorobenzene	13.31	180	80598	4.881	ug/L		99
69) Naphthalene	13.55	128	133769	4.955	ug/L		100
70) 1,2,3-Trichlorobenzene	13.79	180	75600	4.925	ug/L		100

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

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