Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032319\
Data File : VV009845.D
Acq On : 23 Mar 2019 11:16
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00541

Quant Time: Mar 23 22:00:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 23 03:53:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	122977	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.90	117	125020	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61444	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	72725	4.89	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.80%				
7) Chloroethane-d5	1.59	69	65861	5.10	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%				
11) 1,1-Dichloroethene-d2	2.13	63	186566	5.29	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.80%				
20) 2-Butanone-d5	3.97	46	82882	48.19	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.38%				
24) Chloroform-d	4.40	84	75115	4.79	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%				
26) 1,2-Dichloroethane-d4	5.09	65	34298	4.76	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%				
32) Benzene-d6	5.10	84	151664	4.67	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%				
36) 1,2-Dichloropropane-d6	6.12	67	44823	4.63	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.60%				
41) Toluene-d8	7.36	98	152453	4.80	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%				
43) trans-1,3-Dichloropropene-	7.66	79	17037	4.72	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.40%				
46) 2-Hexanone-d5	8.14	63	70725	46.02	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.04%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33636	4.50	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.00%				
64) 1,2-Dichlorobenzene-d4	11.67	152	51519	4.62	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	52224	4.708	ug/L		94
3) Chloromethane	1.25	50	82024	5.060	ug/L		98
5) Vinyl chloride	1.32	62	88915	4.982	ug/L		97
6) Bromomethane	1.54	94	61074	5.599	ug/L		99
8) Chloroethane	1.60	64	60313	4.870	ug/L		100
9) Trichlorofluoromethane	1.77	101	199935	5.358	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	96772	5.241	ug/L		95
12) 1,1-Dichloroethene	2.14	96	88403	5.391	ug/L		94
13) Acetone	2.23	43	121489	54.530	ug/L	#	58
14) Carbon disulfide	2.32	76	234319	5.167	ug/L		99
15) Methyl Acetate	2.48	43	31974	6.041	ug/L		94
16) Methylene chloride	2.54	84	86154	4.646	ug/L		97
17) Methyl tert-butyl Ether	2.81	73	198734	5.246	ug/L		98
18) trans-1,2-Dichloroethene	2.79	96	93289	5.294	ug/L		88
19) 1,1-Dichloroethane	3.23	63	168585	5.511	ug/L		97
21) 2-Butanone	4.06	43	85952	49.102	ug/L		94
22) cis-1,2-Dichloroethene	3.96	96	43195	5.067	ug/L		85

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00541

Quant Time: Mar 23 22:00:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 23 03:53:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	16310	4.719	ug/L		84
25) Chloroform	4.43	83	75696	5.079	ug/L		98
27) 1,2-Dichloroethane	5.18	62	45418	5.007	ug/L		98
29) 1,1,1-Trichloroethane	4.65	97	61709	4.574	ug/L		95
30) Cyclohexane	4.72	56	63802	4.562	ug/L		99
31) Carbon tetrachloride	4.87	117	55593	4.785	ug/L		99
33) Benzene	5.14	78	168460	4.798	ug/L		100
34) Trichloroethene	5.96	95	42927	4.833	ug/L		95
35) Methylcyclohexane	6.17	83	72636	4.778	ug/L		99
37) 1,2-Dichloropropane	6.22	63	41915	4.776	ug/L		98
38) Bromodichloromethane	6.56	83	49509	4.771	ug/L		95
39) cis-1,3-Dichloropropene	7.07	75	53004	4.464	ug/L		91
40) 4-Methyl-2-pentanone	7.28	43	244446	47.663	ug/L		95
42) Toluene	7.43	91	192632	4.848	ug/L		100
44) trans-1,3-Dichloropropene	7.69	75	43717	4.605	ug/L		96
45) 1,1,2-Trichloroethane	7.88	97	28822	4.824	ug/L		93
47) Tetrachloroethene	8.02	164	35284	4.600	ug/L		91
48) 2-Hexanone	8.19	43	172104	47.698	ug/L		98
49) Dibromochloromethane	8.29	129	31257	4.526	ug/L		98
50) 1,2-Dibromoethane	8.40	107	26043	4.668	ug/L	#	93
51) Chlorobenzene	8.93	112	120472	4.736	ug/L		97
52) Ethylbenzene	9.05	91	209654	4.790	ug/L		94
53) m,p-xylene	9.18	106	82041	4.932	ug/L		95
54) o-xylene	9.59	106	78871	4.854	ug/L		88
55) Styrene	9.60	104	131479	4.976	ug/L		97
56) Isopropylbenzene	9.97	105	208547	4.861	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.29	83	35213	4.757	ug/L		97
59) 1,2,3-Trichloropropane	10.32	75	23485	4.606	ug/L		100
61) Bromoform	9.78	173	15350	4.724	ug/L		99
62) 1,3-Dichlorobenzene	11.23	146	90703	4.639	ug/L		97
63) 1,4-Dichlorobenzene	11.32	146	96334	4.870	ug/L		99
65) 1,2-Dichlorobenzene	11.69	146	87770	4.770	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.48	75	4351	4.422	ug/L		90
67) 1,3,5-Trichlorobenzene	12.69	180	71592	4.836	ug/L		98
68) 1,2,4-trichlorobenzene	13.31	180	56671	5.107	ug/L		98
69) Naphthalene	13.55	128	81046	4.652	ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	50133	4.868	ug/L		97

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

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