Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061419\
Data File : VV011543.D
Acq On : 15 Jun 2019 16:59
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00556

Quant Time: Jun 17 04:37:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 17 04:30:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	167676	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149516	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62392	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	52656	4.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.20%			
7) Chloroethane-d5	1.58	69	38278	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.12	63	102754	4.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.20%			
20) 2-Butanone-d5	3.95	46	188843	53.01	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.02%			
24) Chloroform-d	4.40	84	116358	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.08	65	67089	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.09	84	212761	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.12	67	69881	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.36	98	180644	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	7.66	79	20630	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.14	63	145709	53.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.18%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53019	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	58743	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	68412	4.573	ug/L	97
3) Chloromethane	1.25	50	79722	4.920	ug/L	99
5) Vinyl chloride	1.32	62	76344	4.771	ug/L	95
6) Bromomethane	1.53	94	34128	5.101	ug/L	99
8) Chloroethane	1.59	64	39583	5.108	ug/L	97
9) Trichlorofluoromethane	1.76	101	88131	5.000	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	43656	4.336	ug/L	98
12) 1,1-Dichloroethene	2.13	96	48917	4.691	ug/L	92
13) Acetone	2.21	43	124966	52.055	ug/L	99
14) Carbon disulfide	2.31	76	120352	4.269	ug/L	100
15) Methyl Acetate	2.47	43	31057	4.880	ug/L	100
16) Methylene chloride	2.53	84	60236	5.082	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	166493	5.325	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	58426	4.955	ug/L	95
19) 1,1-Dichloroethane	3.22	63	126082	5.169	ug/L	98
21) 2-Butanone	4.04	43	203481	53.574	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	66361	4.968	ug/L	98

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00556

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 17 04:30:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	27914	5.317 ug/L	96
25) Chloroform	4.42	83	128502	5.250 ug/L	97
27) 1,2-Dichloroethane	5.18	62	91199	5.286 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	95525	5.135 ug/L	99
30) Cyclohexane	4.72	56	83101	4.324 ug/L	98
31) Carbon tetrachloride	4.87	117	71980	4.781 ug/L	99
33) Benzene	5.14	78	261321	5.351 ug/L	100
34) Trichloroethene	5.96	95	62852	5.047 ug/L	99
35) Methylcyclohexane	6.17	83	76674	4.318 ug/L	99
37) 1,2-Dichloropropane	6.22	63	70921	5.456 ug/L	99
38) Bromodichloromethane	6.55	83	78667	5.327 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	78601	4.804 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	521506	56.277 ug/L	99
42) Toluene	7.43	91	256923	5.077 ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	59569	4.759 ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	47019	5.418 ug/L	96
47) Tetrachloroethene	8.02	164	39775	4.479 ug/L	95
48) 2-Hexanone	8.19	43	369315	56.692 ug/L	99
49) Dibromochloromethane	8.29	129	45729	5.245 ug/L	95
50) 1,2-Dibromoethane	8.40	107	43545	5.549 ug/L	99
51) Chlorobenzene	8.92	112	154196	4.961 ug/L	99
52) Ethylbenzene	9.05	91	250107	4.705 ug/L	99
53) m,p-xylene	9.18	106	91906	4.725 ug/L	97
54) o-xylene	9.59	106	96421	4.935 ug/L	96
55) Styrene	9.60	104	163600	5.048 ug/L	98
56) Isopropylbenzene	9.97	105	226078	4.547 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	53824	5.073 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	43789	5.395 ug/L	99
61) Bromoform	9.77	173	21560	5.420 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	101137	4.999 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	101381	4.919 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	107491	5.279 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	6940	4.693 ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	67703	4.582 ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	55922	4.713 ug/L	98
69) Naphthalene	13.55	128	114143	4.892 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	57427	4.991 ug/L	99

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

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