Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091619\
Data File : VV012830.D
Acq On : 16 Sep 2019 11:49
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV32

Quant Time: Sep 16 16:55:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 16:52:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	439458	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	425199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	208624	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	135525	4.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.00%			
7) Chloroethane-d5	1.58	69	106027	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.80%			
11) 1,1-Dichloroethene-d2	2.13	63	227678	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.40%			
20) 2-Butanone-d5	3.98	46	206288	49.04	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.08%			
24) Chloroform-d	4.40	84	215049	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
26) 1,2-Dichloroethane-d4	5.08	65	96319	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
32) Benzene-d6	5.09	84	440122	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.12	67	128480	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.80%			
41) Toluene-d8	7.36	98	411589	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
43) trans-1,3-Dichloropropene-	7.66	79	43954	4.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.20%			
46) 2-Hexanone-d5	8.14	63	123183	48.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.22%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	68655	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	131341	4.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	156155	4.706	ug/L	100
3) Chloromethane	1.25	50	147152	4.565	ug/L	96
5) Vinyl chloride	1.32	62	169546	4.691	ug/L	98
6) Bromomethane	1.53	94	88908	4.785	ug/L	98
8) Chloroethane	1.60	64	92379	4.737	ug/L	100
9) Trichlorofluoromethane	1.77	101	206214	4.666	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	119288	4.565	ug/L	98
12) 1,1-Dichloroethene	2.14	96	107904	4.495	ug/L	96
13) Acetone	2.24	43	177657	54.499	ug/L	68
14) Carbon disulfide	2.31	76	242301	4.688	ug/L	99
15) Methyl Acetate	2.47	43	59377	6.301	ug/L #	88
16) Methylene chloride	2.53	84	126988	4.447	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	295173	4.706	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	122091	4.659	ug/L	95
19) 1,1-Dichloroethane	3.23	63	251673	4.660	ug/L	98
21) 2-Butanone	4.06	43	330081	55.507	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	140569	4.860	ug/L	96

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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV32

Quant Time: Sep 16 16:55:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 16:52:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	57439	4.574	ug/L	97
25) Chloroform	4.42	83	270077	4.479	ug/L	100
27) 1,2-Dichloroethane	5.18	62	148509	4.756	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	206483	4.729	ug/L	100
30) Cyclohexane	4.72	56	186007	5.031	ug/L	99
31) Carbon tetrachloride	4.87	117	177039	4.782	ug/L	100
33) Benzene	5.14	78	537650	5.004	ug/L	100
34) Trichloroethene	5.96	95	149380	4.872	ug/L	97
35) Methylcyclohexane	6.17	83	194710	5.168	ug/L	98
37) 1,2-Dichloropropane	6.22	63	140965	4.875	ug/L	99
38) Bromodichloromethane	6.55	83	176400	4.716	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	177873	4.964	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	850154	53.183	ug/L	97
42) Toluene	7.43	91	570569	5.194	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	141997	4.983	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	97375	4.732	ug/L	97
47) Tetrachloroethene	8.02	164	111067	4.946	ug/L	96
48) 2-Hexanone	8.19	43	630275	51.722	ug/L	98
49) Dibromochloromethane	8.29	129	115571	4.910	ug/L	98
50) 1,2-Dibromoethane	8.40	107	83012	4.845	ug/L	99
51) Chlorobenzene	8.92	112	372000	4.901	ug/L	99
52) Ethylbenzene	9.05	91	606183	5.174	ug/L	99
53) m,p-xylene	9.18	106	228196	5.243	ug/L	98
54) o-xylene	9.59	106	224844	5.312	ug/L	99
55) Styrene	9.60	104	390893	5.444	ug/L	100
56) Isopropylbenzene	9.97	105	609108	5.367	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	89524	4.665	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	81476	4.756	ug/L	100
61) Bromoform	9.77	173	59769	4.598	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	298326	5.000	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	297431	4.818	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	281891	4.877	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	12221	4.410	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	225611	4.913	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	178546	5.185	ug/L	98
69) Naphthalene	13.55	128	247763	5.033	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	174270	5.213	ug/L	99

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

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