Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091619\
Data File : VV012862.D
Acq On : 17 Sep 2019 03:33
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Sep 17 09:16:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 07:22:21 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : VSTD00559

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	414024	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	415170	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	203472	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	123972	4.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.40%			
7) Chloroethane-d5	1.58	69	96266	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.60%			
11) 1,1-Dichloroethene-d2	2.13	63	207201	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.20%			
20) 2-Butanone-d5	4.00	46	236641m	59.71	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.42%			
24) Chloroform-d	4.40	84	208982	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
26) 1,2-Dichloroethane-d4	5.08	65	98735	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
32) Benzene-d6	5.09	84	404211	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.12	67	124340	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.00%			
41) Toluene-d8	7.36	98	385424	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
43) trans-1,3-Dichloropropene-	7.66	79	39978	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
46) 2-Hexanone-d5	8.14	63	134398	53.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.52%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	77396	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	130744	4.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	148457	4.749	ug/L	100
3) Chloromethane	1.25	50	140621	4.631	ug/L	95
5) Vinyl chloride	1.32	62	158035	4.641	ug/L	99
6) Bromomethane	1.53	94	81436	4.652	ug/L	98
8) Chloroethane	1.60	64	85010	4.627	ug/L	97
9) Trichlorofluoromethane	1.77	101	196857	4.728	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	113874	4.625	ug/L	97
12) 1,1-Dichloroethene	2.14	96	107622	4.759	ug/L	97
13) Acetone	2.29	43	170149m	55.403	ug/L	
14) Carbon disulfide	2.31	76	221002	4.538	ug/L	99
15) Methyl Acetate	2.48	43	64859	7.306	ug/L	90
16) Methylene chloride	2.53	84	124435	4.625	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	312362	5.286	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	115298	4.670	ug/L	98
19) 1,1-Dichloroethane	3.22	63	249566	4.905	ug/L	98
21) 2-Butanone	4.07	43	394051	70.335	ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	133065	4.883	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	61327	5.183	ug/L	99
25) Chloroform	4.42	83	265950	4.681	ug/L	99
27) 1,2-Dichloroethane	5.18	62	154777	5.261	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	202210	4.743	ug/L	99
30) Cyclohexane	4.72	56	172339	4.774	ug/L	97
31) Carbon tetrachloride	4.87	117	171550	4.745	ug/L	100
33) Benzene	5.14	78	519391	4.951	ug/L	100
34) Trichloroethene	5.96	95	146486	4.893	ug/L	98
35) Methylcyclohexane	6.17	83	175602	4.774	ug/L	99
37) 1,2-Dichloropropane	6.22	63	140970	4.993	ug/L	99
38) Bromodichloromethane	6.55	83	177689	4.865	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	169343	4.840	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	967006	61.954	ug/L	98
42) Toluene	7.43	91	559049	5.212	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	135983	4.887	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	102232	5.088	ug/L	99
47) Tetrachloroethene	8.02	164	105736	4.822	ug/L	98
48) 2-Hexanone	8.19	43	733857	61.677	ug/L	99
49) Dibromochloromethane	8.29	129	117866	5.129	ug/L	97
50) 1,2-Dibromoethane	8.40	107	86403	5.165	ug/L	98
51) Chlorobenzene	8.92	112	363996	4.912	ug/L	97
52) Ethylbenzene	9.05	91	581548	5.083	ug/L	100
53) m,p-xylene	9.18	106	221463	5.211	ug/L	98
54) o-xylene	9.59	106	216415	5.237	ug/L	98
55) Styrene	9.60	104	384885	5.490	ug/L	99
56) Isopropylbenzene	9.97	105	577125	5.208	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	99598	5.315	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	88956	5.319	ug/L	99
61) Bromoform	9.77	173	63860	5.037	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	297157	5.106	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	296283	4.921	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	284357	5.044	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	13783	5.100	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	211994	4.733	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	167716	4.994	ug/L	99
69) Naphthalene	13.55	128	256910	5.350	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	172627	5.294	ug/L	99

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

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