Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081919\
Data File : VU033840.D
Acq On : 19 Aug 2019 12:34
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00548

Quant Time: Aug 19 15:25:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR081419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 17 01:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	179039	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	188505	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	106554	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	94137	4.65	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.00%			
7) Chloroethane-d5	1.67	69	79269	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.00%			
11) 1,1-Dichloroethene-d2	2.26	65	44479	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.60%			
20) 2-Butanone-d5	4.19	46	195481	49.93	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.86%			
24) Chloroform-d	4.62	84	146192	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.29	65	76183	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.32	84	280818	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.31	67	86672	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%			
41) Toluene-d8	7.55	98	269879	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
43) trans-1,3-Dichloropropene-	7.83	79	35048	4.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.40%			
46) 2-Hexanone-d5	8.30	63	146756	50.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.34%			
56) 1,1,2,2-Tetrachloroethane-	10.41	84	74444	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%			
66) 1,2-Dichlorobenzene-d4	11.84	152	102574	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	126100	4.859	ug/L	98
3) Chloromethane	1.32	50	131402	4.879	ug/L	99
5) Vinyl chloride	1.39	62	143029	4.870	ug/L	99
6) Bromomethane	1.62	94	84800	4.961	ug/L	100
8) Chloroethane	1.69	64	83214	4.797	ug/L	97
9) Trichlorofluoromethane	1.88	101	195127	4.850	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	107285	5.025	ug/L	100
12) 1,1-Dichloroethene	2.27	96	103931	5.038	ug/L	99
13) Acetone	2.35	43	210476	50.442	ug/L #	52
14) Carbon disulfide	2.46	76	330926	4.723	ug/L	100
15) Methyl Acetate	2.61	43	52605	4.850	ug/L	99
16) Methylene chloride	2.68	84	115557	4.798	ug/L	97
17) Methyl tert-butyl Ether	2.98	73	265795	4.976	ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	108881	4.915	ug/L	97
19) 1,1-Dichloroethane	3.42	63	170014	4.909	ug/L	99
21) 2-Butanone	4.28	43	257436	49.832	ug/L	97
22) cis-1,2-Dichloroethene	4.20	96	92188	4.878	ug/L	96

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	45336	5.003 ug/L	95
25) Chloroform	4.65	83	179737	4.822 ug/L	98
27) 1,2-Dichloroethane	5.38	62	113513	4.942 ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	148996	4.857 ug/L	99
30) Cyclohexane	4.97	56	127834	4.604 ug/L	99
31) Carbon tetrachloride	5.11	117	133646	4.896 ug/L	99
33) Benzene	5.36	78	370544	4.915 ug/L	100
34) Trichloroethene	6.16	95	97936	4.953 ug/L	99
35) Methylcyclohexane	6.39	83	141004	4.756 ug/L	99
37) 1,2-Dichloropropane	6.41	63	100611	4.938 ug/L	100
38) Bromodichloromethane	6.74	83	124752	4.856 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	131772	4.793 ug/L	96
40) 4-Methyl-2-pentanone	7.45	43	598131	50.803 ug/L	100
42) Toluene	7.62	91	406224	5.127 ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	113230	4.926 ug/L	97
45) 1,1,2-Trichloroethane	8.05	97	71582	4.917 ug/L	99
47) Tetrachloroethene	8.21	164	79239	4.807 ug/L	98
48) 2-Hexanone	8.35	43	449382	52.778 ug/L	99
49) Dibromochloromethane	8.46	129	88947	5.039 ug/L	99
50) 1,2-Dibromoethane	8.57	107	67704	4.810 ug/L	95
51) Chlorobenzene	9.10	112	248319	4.868 ug/L	98
52) Ethylbenzene	9.23	91	405125	4.941 ug/L	99
53) m,p-Xylene	9.36	106	158303	5.120 ug/L	97
54) o-Xylene	9.76	106	153138	5.216 ug/L	99
55) Styrene	9.77	104	271209	5.324 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.44	83	89435	4.677 ug/L	99
59) Isopropylbenzene	10.15	105	393032	4.838 ug/L	99
60) Bromoform	9.94	173	51206	4.704 ug/L	96
61) 1,2,3-Trichloropropane	10.48	75	65205	4.608 ug/L	99
62) 1,3,5-Trimethylbenzene	10.76	105	315365	4.784 ug/L	99
63) 1,2,4-Trimethylbenzene	11.13	105	325049	4.942 ug/L	100
64) 1,3-Dichlorobenzene	11.40	146	210334	4.842 ug/L	99
65) 1,4-Dichlorobenzene	11.49	146	209452	4.683 ug/L	96
67) 1,2-Dichlorobenzene	11.86	146	198211	4.726 ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.64	75	14374	4.654 ug/L	96
69) 1,3,5-Trichlorobenzene	12.87	180	161409	4.724 ug/L	100
70) 1,2,4-trichlorobenzene	13.49	180	126376	4.753 ug/L	98
71) Naphthalene	13.73	128	188795	4.611 ug/L	100
72) 1,2,3-Trichlorobenzene	13.97	180	121657	4.855 ug/L	99

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

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