Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081919\
Data File : VU033836.D
Acq On : 19 Aug 2019 08:48
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00547

Quant Time: Aug 19 15:24:59 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	180227	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	186262	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	101754	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	80499	3.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.00%			
7) Chloroethane-d5	1.67	69	70973	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.00%			
11) 1,1-Dichloroethene-d2	2.26	65	37347	3.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.60%			
20) 2-Butanone-d5	4.19	46	211827	53.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.48%			
24) Chloroform-d	4.62	84	144674	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.29	65	76641	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.32	84	256103	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.31	67	85316	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.55	98	234161	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
43) trans-1,3-Dichloropropene-	7.83	79	34964	4.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.40%			
46) 2-Hexanone-d5	8.30	63	156530	54.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.38%			
56) 1,1,2,2-Tetrachloroethane-	10.41	84	78736	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.40%			
66) 1,2-Dichlorobenzene-d4	11.84	152	95477	4.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	142356	5.449	ug/L	99
3) Chloromethane	1.32	50	147141	5.427	ug/L	99
5) Vinyl chloride	1.39	62	158847	5.373	ug/L	97
6) Bromomethane	1.62	94	98085	5.701	ug/L	98
8) Chloroethane	1.69	64	94653	5.420	ug/L	100
9) Trichlorofluoromethane	1.87	101	218150	5.387	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	119453	5.558	ug/L	99
12) 1,1-Dichloroethene	2.27	96	115869	5.579	ug/L	100
13) Acetone	2.35	43	233198	55.519	ug/L #	50
14) Carbon disulfide	2.46	76	377063	5.347	ug/L	100
15) Methyl Acetate	2.61	43	60024	5.497	ug/L	98
16) Methylene chloride	2.68	84	128557	5.302	ug/L	96
17) Methyl tert-butyl Ether	2.98	73	304469	5.662	ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	123792	5.551	ug/L	96
19) 1,1-Dichloroethane	3.42	63	194341	5.574	ug/L	98
21) 2-Butanone	4.27	43	301091	57.898	ug/L	100
22) cis-1,2-Dichloroethene	4.20	96	105911	5.567	ug/L	98

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

Instrument : MSVOA_U
ClientSampleId : VSTD00547

Quant Time: Aug 19 15:24:59 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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	51617	5.659	ug/L	94
25) Chloroform	4.65	83	201870	5.380	ug/L	98
27) 1,2-Dichloroethane	5.38	62	126481	5.470	ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	169257	5.584	ug/L	99
30) Cyclohexane	4.97	56	149053	5.433	ug/L	99
31) Carbon tetrachloride	5.11	117	152015	5.636	ug/L	99
33) Benzene	5.37	78	416461	5.590	ug/L	100
34) Trichloroethene	6.16	95	108017	5.528	ug/L	98
35) Methylcyclohexane	6.39	83	161955	5.528	ug/L	99
37) 1,2-Dichloropropane	6.41	63	111550	5.541	ug/L	99
38) Bromodichloromethane	6.74	83	140607	5.539	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	152651	5.619	ug/L	96
40) 4-Methyl-2-pentanone	7.45	43	689442	59.264	ug/L	100
42) Toluene	7.62	91	449953	5.748	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	128806	5.671	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	81576	5.671	ug/L	98
47) Tetrachloroethene	8.21	164	90681	5.567	ug/L	98
48) 2-Hexanone	8.35	43	506045	60.148	ug/L	99
49) Dibromochloromethane	8.46	129	99479	5.703	ug/L	97
50) 1,2-Dibromoethane	8.57	107	78841	5.669	ug/L	96
51) Chlorobenzene	9.10	112	279919	5.554	ug/L	98
52) Ethylbenzene	9.23	91	455690	5.624	ug/L	99
53) m,p-Xylene	9.36	106	178534	5.843	ug/L	96
54) o-Xylene	9.76	106	171626	5.917	ug/L	98
55) Styrene	9.77	104	305592	6.071	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.44	83	103723	5.490	ug/L	100
59) Isopropylbenzene	10.15	105	446466	5.755	ug/L	99
60) Bromoform	9.94	173	60136	5.786	ug/L	96
61) 1,2,3-Trichloropropane	10.48	75	74902	5.543	ug/L	99
62) 1,3,5-Trimethylbenzene	10.76	105	365186	5.801	ug/L	99
63) 1,2,4-Trimethylbenzene	11.13	105	373401	5.945	ug/L	100
64) 1,3-Dichlorobenzene	11.40	146	233682	5.633	ug/L	100
65) 1,4-Dichlorobenzene	11.49	146	236082	5.528	ug/L	98
67) 1,2-Dichlorobenzene	11.86	146	223417	5.578	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.64	75	16842	5.710	ug/L	98
69) 1,3,5-Trichlorobenzene	12.87	180	181511	5.563	ug/L	99
70) 1,2,4-trichlorobenzene	13.49	180	142455	5.610	ug/L	99
71) Naphthalene	13.73	128	223833	5.724	ug/L	99
72) 1,2,3-Trichlorobenzene	13.97	180	137873	5.761	ug/L	98

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

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