Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101519\
Data File : VU035199.D
Acq On : 15 Oct 2019 19:53
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Oct 16 01:11:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 16 01:09:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	186707	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	189156	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	92477	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	45931	4.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.20%			
7) Chloroethane-d5	1.68	69	46108	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.60%			
11) 1,1-Dichloroethene-d2	2.27	63	108651	4.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.40%			
20) 2-Butanone-d5	4.17	46	193316	59.48	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.96%			
24) Chloroform-d	4.62	84	112060	5.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.60%			
26) 1,2-Dichloroethane-d4	5.29	65	60518	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.32	84	193156	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
36) 1,2-Dichloropropane-d6	6.31	67	72596	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.00%			
41) Toluene-d8	7.54	98	182194	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
43) trans-1,3-Dichloropropene-	7.83	79	25069	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	8.30	63	134621	53.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.08%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	71878	5.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.00%			
64) 1,2-Dichlorobenzene-d4	11.84	152	68786	4.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	93470	5.478	ug/L	98
3) Chloromethane	1.33	50	101426	5.419	ug/L	99
5) Vinyl chloride	1.40	62	100480	5.465	ug/L	99
6) Bromomethane	1.62	94	54652	5.347	ug/L	93
8) Chloroethane	1.69	64	60872	5.520	ug/L	97
9) Trichlorofluoromethane	1.88	101	128501	5.779	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	71448	5.596	ug/L	96
12) 1,1-Dichloroethene	2.27	96	64626	5.389	ug/L	81
13) Acetone	2.31	43	151751	57.008	ug/L	94
14) Carbon disulfide	2.47	76	195302	4.894	ug/L	99
15) Methyl Acetate	2.60	43	40298	5.687	ug/L	96
16) Methylene chloride	2.69	84	81163	5.467	ug/L	82
17) Methyl tert-butyl Ether	2.98	73	181877	5.559	ug/L	96
18) trans-1,2-Dichloroethene	2.96	96	69990	5.450	ug/L	93
19) 1,1-Dichloroethane	3.42	63	151435	5.933	ug/L	98
21) 2-Butanone	4.25	43	210055	55.412	ug/L	97
22) cis-1,2-Dichloroethene	4.20	96	76727	5.356	ug/L	86

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 16 01:09:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.52	128	35859	5.973	ug/L		88
25) Chloroform	4.65	83	157136	5.480	ug/L		99
27) 1,2-Dichloroethane	5.38	62	93286	5.570	ug/L		100
29) 1,1,1-Trichloroethane	4.89	97	120093	5.653	ug/L		98
30) Cyclohexane	4.97	56	114326	4.894	ug/L		94
31) Carbon tetrachloride	5.11	117	106519	5.783	ug/L		98
33) Benzene	5.37	78	309257	5.428	ug/L		100
34) Trichloroethene	6.16	95	77653	5.285	ug/L		99
35) Methylcyclohexane	6.39	83	112651	4.733	ug/L		94
37) 1,2-Dichloropropane	6.41	63	88744	5.774	ug/L		99
38) Bromodichloromethane	6.74	83	103438	5.741	ug/L		97
39) cis-1,3-Dichloropropene	7.25	75	110025	5.284	ug/L		98
40) 4-Methyl-2-pentanone	7.44	43	539556	55.777	ug/L		93
42) Toluene	7.62	91	340187	5.720	ug/L		99
44) trans-1,3-Dichloropropene	7.86	75	90861	5.634	ug/L		100
45) 1,1,2-Trichloroethane	8.05	97	58678	5.750	ug/L		97
47) Tetrachloroethene	8.21	164	60690	5.102	ug/L		97
48) 2-Hexanone	8.35	43	389120	58.669	ug/L	#	92
49) Dibromochloromethane	8.46	129	71041	6.023	ug/L		98
50) 1,2-Dibromoethane	8.57	107	55900	5.731	ug/L		96
51) Chlorobenzene	9.10	112	210361	5.458	ug/L		98
52) Ethylbenzene	9.23	91	348182	5.300	ug/L		98
53) m,p-Xylene	9.36	106	129660	5.344	ug/L		95
54) o-Xylene	9.76	106	126319	5.323	ug/L		96
55) Styrene	9.78	104	217198	5.652	ug/L		99
56) Isopropylbenzene	10.15	105	335282	5.303	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.44	83	81045	5.840	ug/L		99
59) 1,2,3-Trichloropropane	10.48	75	56263	5.655	ug/L		96
61) Bromoform	9.94	173	38456	6.063	ug/L		98
62) 1,3-Dichlorobenzene	11.40	146	153667	5.394	ug/L		98
63) 1,4-Dichlorobenzene	11.49	146	149871	5.213	ug/L		99
65) 1,2-Dichlorobenzene	11.86	146	148102	5.388	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.64	75	9818	5.620	ug/L		88
67) 1,3,5-Trichlorobenzene	12.87	180	85207	4.417	ug/L		98
68) 1,2,4-trichlorobenzene	13.49	180	52725	3.660	ug/L		98
69) Naphthalene	13.73	128	66828	2.983	ug/L		99
70) 1,2,3-Trichlorobenzene	13.97	180	55677	3.974	ug/L		97

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

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