Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035350.D
Acq On : 22 Oct 2019 08:55
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Oct 23 06:48:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 15:01:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	264566	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	260250	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	122397	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	72004	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%			
7) Chloroethane-d5	1.93	69	69271	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.00%			
11) 1,1-Dichloroethene-d2	2.60	63	146371	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.20%			
20) 2-Butanone-d5	4.70	46	251557	54.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.52%			
24) Chloroform-d	5.11	84	157360	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.80%			
26) 1,2-Dichloroethane-d4	5.75	65	84852	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
32) Benzene-d6	5.77	84	285242	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
36) 1,2-Dichloropropane-d6	6.73	67	98562	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.40%			
41) Toluene-d8	7.93	98	253365	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
43) trans-1,3-Dichloropropene-	8.21	79	39342	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%			
46) 2-Hexanone-d5	8.68	63	202357	50.03	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.06%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	91980	5.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	103537	4.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	125231	5.562	ug/L	99
3) Chloromethane	1.54	50	118280	5.296	ug/L	99
5) Vinyl chloride	1.62	62	129815	5.659	ug/L	94
6) Bromomethane	1.87	94	67524	4.986	ug/L	99
8) Chloroethane	1.95	64	79603	5.382	ug/L	97
9) Trichlorofluoromethane	2.16	101	169070	5.521	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	98032	5.556	ug/L	96
12) 1,1-Dichloroethene	2.61	96	90160	5.305	ug/L	89
13) Acetone	2.67	43	175216	54.335	ug/L	98
14) Carbon disulfide	2.82	76	287599	5.351	ug/L	99
15) Methyl Acetate	3.00	43	41416	5.154	ug/L	98
16) Methylene chloride	3.08	84	103520	5.063	ug/L	99
17) Methyl tert-butyl Ether	3.43	73	233793	5.111	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	97023	5.289	ug/L	92
19) 1,1-Dichloroethane	3.92	63	191103	5.761	ug/L	100
21) 2-Butanone	4.78	43	265707	50.554	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	111478	5.498	ug/L	98

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Data File : VU035350.D
Acq On : 22 Oct 2019 08:55
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Oct 23 06:48:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 15:01:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.03	128	48897	5.603 ug/L	97
25) Chloroform	5.14	83	197331	5.422 ug/L	98
27) 1,2-Dichloroethane	5.84	62	122074	5.469 ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	162787	5.340 ug/L	99
30) Cyclohexane	5.43	56	158600	4.858 ug/L	99
31) Carbon tetrachloride	5.57	117	142882	5.205 ug/L	99
33) Benzene	5.82	78	412196	5.383 ug/L	100
34) Trichloroethene	6.58	95	106512	5.174 ug/L	96
35) Methylcyclohexane	6.80	83	164626	4.785 ug/L	99
37) 1,2-Dichloropropane	6.83	63	107385	5.524 ug/L	100
38) Bromodichloromethane	7.14	83	139426	5.324 ug/L	97
39) cis-1,3-Dichloropropene	7.65	75	158452	4.870 ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	655026	49.915 ug/L	99
42) Toluene	8.01	91	446275	5.280 ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	128952	4.849 ug/L	97
45) 1,1,2-Trichloroethane	8.44	97	76098	5.273 ug/L	93
47) Tetrachloroethene	8.58	164	87128	5.080 ug/L	98
48) 2-Hexanone	8.73	43	474263	51.533 ug/L	97
49) Dibromochloromethane	8.84	129	94381	5.158 ug/L	99
50) 1,2-Dibromoethane	8.96	107	75041	5.202 ug/L	98
51) Chlorobenzene	9.48	112	280232	5.135 ug/L	99
52) Ethylbenzene	9.60	91	488259	5.080 ug/L	100
53) m,p-Xylene	9.72	106	180098	4.962 ug/L	98
54) o-Xylene	10.13	106	176526	4.983 ug/L	98
55) Styrene	10.14	104	293689	5.092 ug/L	98
56) Isopropylbenzene	10.51	105	471014	4.943 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	102978	5.545 ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	71316	5.266 ug/L	99
61) Bromoform	10.32	173	54637	4.819 ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	220299	5.275 ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	213667	5.203 ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	208376	5.311 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	13071	4.716 ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	134507	5.197 ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	83457	4.844 ug/L	99
69) Naphthalene	14.11	128	100913	4.267 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	81858	5.081 ug/L	98

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

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