Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\
Data File : VU035451.D
Acq On : 24 Oct 2019 10:49
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 60 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00515

Quant Time: Oct 24 14:22:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 14:19:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	219158	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	227600	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99134	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	74918	5.61	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.20%			
7) Chloroethane-d5	1.93	69	70708	5.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.80%			
11) 1,1-Dichloroethene-d2	2.60	63	143483	5.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 116.20%			
20) 2-Butanone-d5	4.70	46	214268	55.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.60%			
24) Chloroform-d	5.11	84	144977	5.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 118.80%			
26) 1,2-Dichloroethane-d4	5.75	65	77488	5.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.60%			
32) Benzene-d6	5.77	84	264617	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.73	67	89627	5.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.40%			
41) Toluene-d8	7.93	98	237677	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
43) trans-1,3-Dichloropropene-	8.21	79	34774	4.34	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.80%			
46) 2-Hexanone-d5	8.68	63	157855	44.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.26%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	82213	5.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	83194	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	105300	5.645	ug/L	99
3) Chloromethane	1.54	50	109736	5.931	ug/L	97
5) Vinyl chloride	1.62	62	111333	5.859	ug/L	96
6) Bromomethane	1.88	94	69425	6.188	ug/L	98
8) Chloroethane	1.95	64	70319	5.740	ug/L	99
9) Trichlorofluoromethane	2.16	101	147666	5.821	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	84627	5.790	ug/L	93
12) 1,1-Dichloroethene	2.61	96	75346	5.352	ug/L	88
13) Acetone	2.67	43	164347	61.524	ug/L	99
14) Carbon disulfide	2.82	76	234746	5.273	ug/L	100
15) Methyl Acetate	3.00	43	37050	5.566	ug/L	99
16) Methylene chloride	3.08	84	94011	5.550	ug/L	97
17) Methyl tert-butyl Ether	3.43	73	189343	4.997	ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	81344	5.353	ug/L	93
19) 1,1-Dichloroethane	3.92	63	165768	6.033	ug/L	98
21) 2-Butanone	4.78	43	232466	53.393	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	93145	5.546	ug/L	93

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 14:19:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	39839	5.511 ug/L	89
25) Chloroform	5.14	83	175347	5.816 ug/L	99
27) 1,2-Dichloroethane	5.84	62	105001	5.679 ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	139986	5.251 ug/L	97
30) Cyclohexane	5.43	56	127123	4.452 ug/L	97
31) Carbon tetrachloride	5.57	117	121253	5.051 ug/L	99
33) Benzene	5.82	78	359245	5.364 ug/L	100
34) Trichloroethene	6.58	95	90175	5.009 ug/L	94
35) Methylcyclohexane	6.80	83	128890	4.284 ug/L	95
37) 1,2-Dichloropropane	6.84	63	93803	5.518 ug/L	98
38) Bromodichloromethane	7.15	83	120518	5.262 ug/L	97
39) cis-1,3-Dichloropropene	7.65	75	123788	4.350 ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	557213	48.553 ug/L	96
42) Toluene	8.01	91	377648	5.109 ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	107079	4.605 ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	66877	5.299 ug/L	97
47) Tetrachloroethene	8.58	164	70783	4.719 ug/L	98
48) 2-Hexanone	8.73	43	387383	48.131 ug/L	98
49) Dibromochloromethane	8.84	129	77636	4.852 ug/L	99
50) 1,2-Dibromoethane	8.96	107	62196	4.930 ug/L	99
51) Chlorobenzene	9.48	112	238263	4.992 ug/L	99
52) Ethylbenzene	9.60	91	380750	4.529 ug/L	99
53) m,p-Xylene	9.72	106	141161	4.447 ug/L	94
54) o-Xylene	10.13	106	139957	4.518 ug/L	99
55) Styrene	10.14	104	234056	4.640 ug/L	97
56) Isopropylbenzene	10.51	105	361515	4.338 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	87300	5.375 ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	61384	5.183 ug/L	98
61) Bromoform	10.32	173	46596	5.074 ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	163335	4.828 ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	156035	4.691 ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	154139	4.850 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	10521	4.687 ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	82754	3.948 ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	48344	3.464 ug/L	100
69) Naphthalene	14.11	128	59786	3.121 ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	50406	3.863 ug/L	100

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

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