Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032860.D
Acq On : 19 Jun 2019 16:00
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: Jun 20 05:19:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 05:14:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	96962	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	97083	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54040	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	25914	4.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.20%			
7) Chloroethane-d5	1.68	69	23451	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.00%			
11) 1,1-Dichloroethene-d2	2.27	63	61501	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.20%			
20) 2-Butanone-d5	4.19	46	102159	58.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.12%			
24) Chloroform-d	4.64	84	62265	5.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.20%			
26) 1,2-Dichloroethane-d4	5.31	65	34035	5.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.40%			
32) Benzene-d6	5.33	84	113019	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.32	67	36306	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	7.56	98	104552	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
43) trans-1,3-Dichloropropene-	7.85	79	15547	4.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.80%			
46) 2-Hexanone-d5	8.31	63	77248	48.50	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.00%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33722	5.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	46699	4.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	46657	5.608	ug/L	99
3) Chloromethane	1.32	50	43816	5.078	ug/L	99
5) Vinyl chloride	1.40	62	43760	5.160	ug/L	99
6) Bromomethane	1.62	94	26609	5.143	ug/L	100
8) Chloroethane	1.69	64	26202	4.836	ug/L	98
9) Trichlorofluoromethane	1.88	101	65216	5.373	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	33951	5.261	ug/L	100
12) 1,1-Dichloroethene	2.28	96	30969	5.027	ug/L	97
13) Acetone	2.32	43	76436	55.975	ug/L	95
14) Carbon disulfide	2.47	76	94196	4.775	ug/L	97
15) Methyl Acetate	2.61	43	18535	4.947	ug/L	95
16) Methylene chloride	2.69	84	35206	5.153	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	90436	5.019	ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	33523	5.043	ug/L	96
19) 1,1-Dichloroethane	3.43	63	68243	5.736	ug/L	97
21) 2-Butanone	4.27	43	111249	56.015	ug/L	95
22) cis-1,2-Dichloroethene	4.22	96	38300	5.091	ug/L	86

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Instrument : MSVOA_U
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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	17299	5.343 ug/L	90
25) Chloroform	4.66	83	68389	5.627 ug/L	99
27) 1,2-Dichloroethane	5.40	62	46673	5.843 ug/L	98
29) 1,1,1-Trichloroethane	4.90	97	59507	5.030 ug/L	97
30) Cyclohexane	4.98	56	57208	4.575 ug/L	96
31) Carbon tetrachloride	5.12	117	54652	5.081 ug/L	97
33) Benzene	5.38	78	141023	4.927 ug/L	100
34) Trichloroethene	6.18	95	37851	4.597 ug/L	98
35) Methylcyclohexane	6.41	83	60152	4.543 ug/L	95
37) 1,2-Dichloropropane	6.43	63	39922	5.391 ug/L	99
38) Bromodichloromethane	6.75	83	48719	5.118 ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	56124	4.936 ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	271058	51.432 ug/L	96
42) Toluene	7.63	91	154836	4.854 ug/L	96
44) trans-1,3-Dichloropropene	7.87	75	46259	5.096 ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	26779	4.970 ug/L	95
47) Tetrachloroethene	8.22	164	32188	4.968 ug/L	96
48) 2-Hexanone	8.36	43	191138	50.750 ug/L	98
49) Dibromochloromethane	8.47	129	33525	4.864 ug/L	98
50) 1,2-Dibromoethane	8.58	107	26332	4.904 ug/L	96
51) Chlorobenzene	9.11	112	101187	5.059 ug/L	100
52) Ethylbenzene	9.24	91	169390	4.818 ug/L	99
53) m,p-Xylene	9.37	106	63999	4.802 ug/L	100
54) o-Xylene	9.77	106	62043	4.664 ug/L	98
55) Styrene	9.79	104	107169	4.897 ug/L	97
56) Isopropylbenzene	10.16	105	169011	4.817 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	35805	5.196 ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	26150	5.377 ug/L	98
61) Bromoform	9.95	173	19350	4.457 ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	83698	4.744 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	84240	4.697 ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	79190	4.646 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.65	75	5568	4.652 ug/L	87
67) 1,3,5-Trichlorobenzene	12.88	180	69323	4.903 ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	56605	4.965 ug/L	99
69) Naphthalene	13.74	128	83174	4.162 ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	52702	4.642 ug/L	99

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

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