Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100919\
Data File : VU035001.D
Acq On : 09 Oct 2019 10:26
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Oct 10 02:51:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 18:29:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	168844	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	171060	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	84860	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	41433	4.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.00%			
7) Chloroethane-d5	1.67	69	42305	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.26	63	95275	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.60%			
20) 2-Butanone-d5	4.18	46	182352	62.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 124.08%			
24) Chloroform-d	4.62	84	98716	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%			
26) 1,2-Dichloroethane-d4	5.29	65	54535	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
32) Benzene-d6	5.31	84	178916	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.31	67	63225	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%			
41) Toluene-d8	7.54	98	173810	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
43) trans-1,3-Dichloropropene-	7.83	79	23621	4.90	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.00%			
46) 2-Hexanone-d5	8.30	63	139317	60.70	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.40%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	62115	5.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.00%			
64) 1,2-Dichlorobenzene-d4	11.84	152	70018	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	78438	5.083	ug/L	99
3) Chloromethane	1.32	50	88895	5.252	ug/L	99
5) Vinyl chloride	1.40	62	87093	5.238	ug/L	99
6) Bromomethane	1.62	94	47015	5.087	ug/L	96
8) Chloroethane	1.69	64	54093	5.425	ug/L	96
9) Trichlorofluoromethane	1.87	101	109649	5.453	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	61121	5.294	ug/L	98
12) 1,1-Dichloroethene	2.27	96	57107	5.266	ug/L	84
13) Acetone	2.33	43	147127	61.118	ug/L	97
14) Carbon disulfide	2.46	76	185515	5.140	ug/L	99
15) Methyl Acetate	2.61	43	37189	5.803	ug/L	93
16) Methylene chloride	2.68	84	69502	5.177	ug/L	90
17) Methyl tert-butyl Ether	2.99	73	166678	5.633	ug/L	98
18) trans-1,2-Dichloroethene	2.96	96	61047	5.257	ug/L	98
19) 1,1-Dichloroethane	3.42	63	122093	5.290	ug/L	99
21) 2-Butanone	4.27	43	218146	63.634	ug/L	95
22) cis-1,2-Dichloroethene	4.20	96	66846	5.160	ug/L	95

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Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Oct 10 02:51:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 18:29:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.53	128	30539	5.625	ug/L		91
25) Chloroform	4.65	83	126254	4.868	ug/L		99
27) 1,2-Dichloroethane	5.38	62	82235	5.430	ug/L		100
29) 1,1,1-Trichloroethane	4.89	97	97780	5.089	ug/L		97
30) Cyclohexane	4.97	56	103876	4.917	ug/L		98
31) Carbon tetrachloride	5.11	117	86631	5.200	ug/L		98
33) Benzene	5.36	78	264539	5.134	ug/L		100
34) Trichloroethene	6.16	95	68116	5.126	ug/L		98
35) Methylcyclohexane	6.39	83	108017	5.019	ug/L		98
37) 1,2-Dichloropropane	6.41	63	71330	5.132	ug/L		99
38) Bromodichloromethane	6.74	83	88199	5.413	ug/L		98
39) cis-1,3-Dichloropropene	7.25	75	98706	5.242	ug/L		99
40) 4-Methyl-2-pentanone	7.45	43	528996	60.471	ug/L		96
42) Toluene	7.61	91	289569	5.384	ug/L		99
44) trans-1,3-Dichloropropene	7.86	75	78325	5.370	ug/L		98
45) 1,1,2-Trichloroethane	8.05	97	52384	5.676	ug/L		95
47) Tetrachloroethene	8.21	164	54645	5.080	ug/L		95
48) 2-Hexanone	8.35	43	378216	63.058	ug/L		96
49) Dibromochloromethane	8.46	129	60611	5.682	ug/L		98
50) 1,2-Dibromoethane	8.57	107	50279	5.700	ug/L	#	97
51) Chlorobenzene	9.10	112	183073	5.252	ug/L		100
52) Ethylbenzene	9.23	91	311729	5.248	ug/L		99
53) m,p-Xylene	9.35	106	115739	5.274	ug/L		97
54) o-Xylene	9.76	106	114619	5.341	ug/L		96
55) Styrene	9.77	104	191095	5.499	ug/L		98
56) Isopropylbenzene	10.14	105	305351	5.341	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.44	83	72780	5.799	ug/L		98
59) 1,2,3-Trichloropropane	10.47	75	52125	5.794	ug/L		99
61) Bromoform	9.94	173	35034	6.019	ug/L		98
62) 1,3-Dichlorobenzene	11.40	146	141030	5.395	ug/L		99
63) 1,4-Dichlorobenzene	11.49	146	143015	5.421	ug/L		99
65) 1,2-Dichlorobenzene	11.86	146	139584	5.534	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.63	75	10269	6.406	ug/L		89
67) 1,3,5-Trichlorobenzene	12.86	180	98334	5.555	ug/L		99
68) 1,2,4-trichlorobenzene	13.48	180	72138	5.457	ug/L		98
69) Naphthalene	13.72	128	116251	5.655	ug/L		100
70) 1,2,3-Trichlorobenzene	13.96	180	73878	5.747	ug/L		98

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

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