Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
Data File : VU031329.D
Acq On : 19 Apr 2019 00:13
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00543

Quant Time: Apr 19 04:33:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 19 04:26:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	192082	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	191192	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83445	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	98758	4.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.20%			
7) Chloroethane-d5	1.68	69	82615	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.27	63	197838	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.20%			
20) 2-Butanone-d5	4.21	46	202179	48.84	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.68%			
24) Chloroform-d	4.64	84	135361	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	5.31	65	70822	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.33	84	245431	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
36) 1,2-Dichloropropane-d6	6.33	67	77202	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.20%			
41) Toluene-d8	7.56	98	223401	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
43) trans-1,3-Dichloropropene-	7.85	79	32154	4.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.00%			
46) 2-Hexanone-d5	8.31	63	144283	46.53	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.06%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	66693	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	76497	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	113425	5.134	ug/L	98
3) Chloromethane	1.32	50	144086	4.819	ug/L	99
5) Vinyl chloride	1.40	62	153808	5.049	ug/L	100
6) Bromomethane	1.63	94	79612	4.716	ug/L	99
8) Chloroethane	1.70	64	89398	5.146	ug/L	99
9) Trichlorofluoromethane	1.88	101	191900	5.009	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	103969	5.023	ug/L	97
12) 1,1-Dichloroethene	2.28	96	101522	4.924	ug/L	92
13) Acetone	2.35	43	212930	46.231	ug/L	98
14) Carbon disulfide	2.47	76	334485	4.859	ug/L	99
15) Methyl Acetate	2.62	43	62480	4.963	ug/L	99
16) Methylene chloride	2.70	84	117529	4.695	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	280654	5.081	ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	107482	4.942	ug/L	99
19) 1,1-Dichloroethane	3.44	63	146695	4.833	ug/L	99
21) 2-Butanone	4.29	43	224080	47.338	ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	79763	4.743	ug/L	89

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00543

Quant Time: Apr 19 04:33:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 19 04:26:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.54	128	38298	5.110	ug/L		95
25) Chloroform	4.67	83	152224	5.091	ug/L		99
27) 1,2-Dichloroethane	5.40	62	95262	4.941	ug/L		98
29) 1,1,1-Trichloroethane	4.91	97	127040	4.921	ug/L		99
30) Cyclohexane	4.99	56	113698	4.323	ug/L		97
31) Carbon tetrachloride	5.13	117	113773	4.935	ug/L		94
33) Benzene	5.38	78	311761	4.804	ug/L		100
34) Trichloroethene	6.18	95	77963	4.445	ug/L		96
35) Methylcyclohexane	6.41	83	101120	4.186	ug/L		97
37) 1,2-Dichloropropane	6.43	63	81166	4.745	ug/L		99
38) Bromodichloromethane	6.75	83	104235	4.883	ug/L		94
39) cis-1,3-Dichloropropene	7.27	75	104195	4.563	ug/L		92
40) 4-Methyl-2-pentanone	7.46	43	512683	46.670	ug/L		98
42) Toluene	7.63	91	324692	4.962	ug/L		100
44) trans-1,3-Dichloropropene	7.88	75	87002	4.608	ug/L		99
45) 1,1,2-Trichloroethane	8.06	97	67468	5.535	ug/L		96
47) Tetrachloroethene	8.22	164	61747	4.724	ug/L		92
48) 2-Hexanone	8.36	43	379586	48.686	ug/L		98
49) Dibromochloromethane	8.47	129	71734	4.919	ug/L		98
50) 1,2-Dibromoethane	8.58	107	56055	4.855	ug/L		95
51) Chlorobenzene	9.12	112	195953	4.783	ug/L		97
52) Ethylbenzene	9.25	91	319520	4.727	ug/L		100
53) m,p-Xylene	9.37	106	118312	4.873	ug/L		98
54) o-Xylene	9.78	106	113641	4.749	ug/L		97
55) Styrene	9.79	104	204944	5.156	ug/L		98
56) Isopropylbenzene	10.16	105	299940	4.775	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.45	83	74190	4.761	ug/L	#	99
59) 1,2,3-Trichloropropane	10.49	75	53880	4.826	ug/L		100
61) Bromoform	9.96	173	42251	5.267	ug/L		98
62) 1,3-Dichlorobenzene	11.41	146	136415	4.971	ug/L		97
63) 1,4-Dichlorobenzene	11.50	146	137733	4.981	ug/L		97
65) 1,2-Dichlorobenzene	11.88	146	139408	4.991	ug/L		100
66) 1,2-Dibromo-3-chloropropan	12.65	75	11393	5.011	ug/L		97
67) 1,3,5-Trichlorobenzene	12.88	180	107414	4.765	ug/L		97
68) 1,2,4-trichlorobenzene	13.50	180	77535	4.770	ug/L		94
69) Naphthalene	13.74	128	126894	3.977	ug/L		100
70) 1,2,3-Trichlorobenzene	13.98	180	82390	4.893	ug/L		97

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

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