Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
Data File : VU031303.D
Acq On : 18 Apr 2019 13:32
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00542

Quant Time: Apr 19 04:33:14 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	209538	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	201754	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94481	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	112129	4.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.00%			
7) Chloroethane-d5	1.68	69	92675	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.27	63	228175	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.40%			
20) 2-Butanone-d5	4.21	46	231653	51.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.60%			
24) Chloroform-d	4.64	84	145628	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	5.31	65	79173	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.34	84	282801	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	6.33	67	90107	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.00%			
41) Toluene-d8	7.56	98	255191	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
43) trans-1,3-Dichloropropene-	7.85	79	36712	5.19	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.80%			
46) 2-Hexanone-d5	8.31	63	170644	52.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.30%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	77046	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	86805	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	119098	4.941	ug/L	99
3) Chloromethane	1.32	50	153663	4.711	ug/L	98
5) Vinyl chloride	1.40	62	157560	4.742	ug/L	99
6) Bromomethane	1.63	94	91231	4.954	ug/L	96
8) Chloroethane	1.70	64	93868	4.953	ug/L	98
9) Trichlorofluoromethane	1.88	101	199454	4.772	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	112755	4.993	ug/L	99
12) 1,1-Dichloroethene	2.28	96	108396	4.820	ug/L	99
13) Acetone	2.35	43	241744	48.115	ug/L	99
14) Carbon disulfide	2.47	76	367306	4.891	ug/L	99
15) Methyl Acetate	2.62	43	64628	4.706	ug/L	100
16) Methylene chloride	2.70	84	123620	4.527	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	300509	4.987	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	114213	4.814	ug/L	98
19) 1,1-Dichloroethane	3.43	63	170512	5.150	ug/L	97
21) 2-Butanone	4.30	43	250426	48.497	ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	84008	4.580	ug/L	96

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
Data File : VU031303.D
Acq On : 18 Apr 2019 13:32
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00542

Quant Time: Apr 19 04:33:14 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	40686	4.977 ug/L		99
25) Chloroform	4.67	83	156334	4.793 ug/L		99
27) 1,2-Dichloroethane	5.40	62	99426	4.728 ug/L		98
29) 1,1,1-Trichloroethane	4.91	97	133932	4.916 ug/L		99
30) Cyclohexane	4.99	56	132902	4.789 ug/L		97
31) Carbon tetrachloride	5.13	117	118405	4.867 ug/L		97
33) Benzene	5.38	78	331232	4.837 ug/L		100
34) Trichloroethene	6.18	95	86211	4.657 ug/L		98
35) Methylcyclohexane	6.41	83	121002	4.747 ug/L		98
37) 1,2-Dichloropropane	6.43	63	82872	4.591 ug/L		100
38) Bromodichloromethane	6.76	83	110746	4.917 ug/L		96
39) cis-1,3-Dichloropropene	7.27	75	122333	5.077 ug/L		97
40) 4-Methyl-2-pentanone	7.46	43	572663	49.401 ug/L		99
42) Toluene	7.63	91	346478	5.018 ug/L		99
44) trans-1,3-Dichloropropene	7.88	75	97978	4.918 ug/L		98
45) 1,1,2-Trichloroethane	8.06	97	61088	4.749 ug/L		96
47) Tetrachloroethene	8.22	164	69524	5.041 ug/L		95
48) 2-Hexanone	8.37	43	406016	49.350 ug/L		100
49) Dibromochloromethane	8.47	129	76391	4.964 ug/L		99
50) 1,2-Dibromoethane	8.58	107	62347	5.118 ug/L	#	93
51) Chlorobenzene	9.12	112	214548	4.963 ug/L		98
52) Ethylbenzene	9.25	91	353714	4.959 ug/L		99
53) m,p-Xylene	9.37	106	132607	5.175 ug/L		97
54) o-Xylene	9.78	106	129525	5.129 ug/L		98
55) Styrene	9.79	104	218265	5.204 ug/L		99
56) Isopropylbenzene	10.16	105	341360	5.149 ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.46	83	78113	4.751 ug/L		93
59) 1,2,3-Trichloropropane	10.49	75	56042	4.757 ug/L		99
61) Bromoform	9.95	173	43974	4.841 ug/L		99
62) 1,3-Dichlorobenzene	11.41	146	156478	5.036 ug/L		99
63) 1,4-Dichlorobenzene	11.50	146	152371	4.867 ug/L		98
65) 1,2-Dichlorobenzene	11.87	146	153709	4.860 ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.66	75	12133	4.713 ug/L	#	85
67) 1,3,5-Trichlorobenzene	12.88	180	119973	4.701 ug/L		98
68) 1,2,4-trichlorobenzene	13.50	180	93741	5.093 ug/L		97
69) Naphthalene	13.74	128	163577	4.527 ug/L		100
70) 1,2,3-Trichlorobenzene	13.98	180	99444	5.216 ug/L		99

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

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

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