Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072019\
Data File : VU033358.D
Acq On : 20 Jul 2019 04:22
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00518

Quant Time: Jul 20 05:26:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 20 05:21:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	104088	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	109706	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	53119	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	43832	4.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.60%			
7) Chloroethane-d5	1.67	69	42036	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.20%			
11) 1,1-Dichloroethene-d2	2.26	63	97780	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.40%			
20) 2-Butanone-d5	4.16	46	103711	52.50	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.00%			
24) Chloroform-d	4.62	84	71464	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	5.29	65	43027	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
32) Benzene-d6	5.32	84	138588	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.31	67	46225	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.55	98	130391	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
43) trans-1,3-Dichloropropene-	7.83	79	17954	4.61	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.20%			
46) 2-Hexanone-d5	8.30	63	88866	55.53	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.06%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	43799	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	46373	4.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	46043	5.210	ug/L	96
3) Chloromethane	1.32	50	51454	4.933	ug/L	97
5) Vinyl chloride	1.40	62	61550	5.493	ug/L	100
6) Bromomethane	1.62	94	22999	3.237	ug/L	98
8) Chloroethane	1.69	64	41839	5.834	ug/L	95
9) Trichlorofluoromethane	1.87	101	88632	5.519	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	48835	5.506	ug/L	95
12) 1,1-Dichloroethene	2.27	96	47021	5.499	ug/L	90
13) Acetone	2.31	43	108067	62.484	ug/L	98
14) Carbon disulfide	2.46	76	149685	5.406	ug/L	99
15) Methyl Acetate	2.60	43	28789	6.665	ug/L	100
16) Methylene chloride	2.68	84	57937	5.557	ug/L	94
17) Methyl tert-butyl Ether	2.98	73	142157	6.347	ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	52215	5.528	ug/L	98
19) 1,1-Dichloroethane	3.42	63	80118	5.645	ug/L	98
21) 2-Butanone	4.25	43	122996	61.878	ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	43049	5.392	ug/L	95

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ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00518

Quant Time: Jul 20 05:26:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 20 05:21:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.52	128	19262	5.478	ug/L		93
25) Chloroform	4.65	83	89290	5.679	ug/L		98
27) 1,2-Dichloroethane	5.38	62	55473	5.932	ug/L		98
29) 1,1,1-Trichloroethane	4.89	97	67935	5.361	ug/L		98
30) Cyclohexane	4.97	56	55019	4.835	ug/L		98
31) Carbon tetrachloride	5.11	117	58032	5.231	ug/L		100
33) Benzene	5.37	78	167500	5.391	ug/L		100
34) Trichloroethene	6.16	95	42332	5.149	ug/L		98
35) Methylcyclohexane	6.39	83	57210	4.618	ug/L		95
37) 1,2-Dichloropropane	6.41	63	48402	5.761	ug/L		100
38) Bromodichloromethane	6.74	83	58716	5.478	ug/L		97
39) cis-1,3-Dichloropropene	7.25	75	60740	5.068	ug/L		96
40) 4-Methyl-2-pentanone	7.45	43	307099	63.790	ug/L		98
42) Toluene	7.62	91	186447	5.590	ug/L		98
44) trans-1,3-Dichloropropene	7.86	75	51047	5.267	ug/L		99
45) 1,1,2-Trichloroethane	8.05	97	34568	5.754	ug/L		95
47) Tetrachloroethene	8.21	164	31964	4.852	ug/L		96
48) 2-Hexanone	8.35	43	227023	64.473	ug/L		99
49) Dibromochloromethane	8.46	129	39657	5.481	ug/L		95
50) 1,2-Dibromoethane	8.57	107	33116	5.742	ug/L		99
51) Chlorobenzene	9.10	112	116761	5.333	ug/L		98
52) Ethylbenzene	9.23	91	188402	5.291	ug/L		100
53) m,p-Xylene	9.36	106	73111	5.435	ug/L		92
54) o-Xylene	9.76	106	70122	5.468	ug/L		96
55) Styrene	9.77	104	124641	5.577	ug/L		95
56) Isopropylbenzene	10.15	105	181004	5.309	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.44	83	46479	6.043	ug/L		99
59) 1,2,3-Trichloropropane	10.48	75	33218	6.063	ug/L		97
61) Bromoform	9.94	173	21264	5.821	ug/L		97
62) 1,3-Dichlorobenzene	11.40	146	83467	5.258	ug/L		98
63) 1,4-Dichlorobenzene	11.49	146	86710	5.187	ug/L		98
65) 1,2-Dichlorobenzene	11.86	146	87443	5.549	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.64	75	7361	6.172	ug/L	#	74
67) 1,3,5-Trichlorobenzene	12.87	180	62230	4.988	ug/L		99
68) 1,2,4-trichlorobenzene	13.49	180	48645	4.828	ug/L		99
69) Naphthalene	13.73	128	86339	5.059	ug/L		99
70) 1,2,3-Trichlorobenzene	13.98	180	48634	5.123	ug/L		99

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

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