Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035286.D
Acq On : 18 Oct 2019 23:04
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Oct 19 06:13:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	313252	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	306184	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	140133	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	76367	4.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.00%			
7) Chloroethane-d5	1.93	69	74024	4.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.80%			
11) 1,1-Dichloroethene-d2	2.60	63	156803	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.80%			
20) 2-Butanone-d5	4.70	46	268015	48.83	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.66%			
24) Chloroform-d	5.11	84	169937	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	5.75	65	88925	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
32) Benzene-d6	5.77	84	300482	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
36) 1,2-Dichloropropane-d6	6.74	67	102292	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.00%			
41) Toluene-d8	7.93	98	281007	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%			
43) trans-1,3-Dichloropropene-	8.22	79	43216	4.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.20%			
46) 2-Hexanone-d5	8.68	63	218638	45.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.90%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	95658	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	109644	4.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	130127	4.881	ug/L	100
3) Chloromethane	1.54	50	133598	5.052	ug/L	99
5) Vinyl chloride	1.62	62	137498	5.062	ug/L	100
6) Bromomethane	1.87	94	76583	4.776	ug/L	99
8) Chloroethane	1.95	64	83749	4.782	ug/L	100
9) Trichlorofluoromethane	2.16	101	178600	4.925	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	102287	4.896	ug/L	96
12) 1,1-Dichloroethene	2.61	96	96976	4.819	ug/L	87
13) Acetone	2.67	43	176412	46.204	ug/L	97
14) Carbon disulfide	2.82	76	303039	4.762	ug/L	100
15) Methyl Acetate	3.00	43	40931	4.302	ug/L	99
16) Methylene chloride	3.08	84	111408	4.602	ug/L	100
17) Methyl tert-butyl Ether	3.43	73	254061	4.691	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	104418	4.808	ug/L	98
19) 1,1-Dichloroethane	3.92	63	200604	5.107	ug/L	99
21) 2-Butanone	4.78	43	273740	43.987	ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	120289	5.011	ug/L	100

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Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Oct 19 06:13:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.03	128	51472	4.981	ug/L	98
25) Chloroform	5.14	83	209607	4.864	ug/L	99
27) 1,2-Dichloroethane	5.84	62	126647	4.792	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	175270	4.887	ug/L	98
30) Cyclohexane	5.43	56	176989	4.608	ug/L	100
31) Carbon tetrachloride	5.57	117	153886	4.765	ug/L	99
33) Benzene	5.82	78	442615	4.913	ug/L	100
34) Trichloroethene	6.58	95	113243	4.676	ug/L	98
35) Methylcyclohexane	6.80	83	180658	4.463	ug/L	99
37) 1,2-Dichloropropane	6.84	63	112126	4.903	ug/L	100
38) Bromodichloromethane	7.15	83	145323	4.717	ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	173007	4.520	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	685823	44.422	ug/L	99
42) Toluene	8.01	91	477509	4.802	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	139569	4.461	ug/L	97
45) 1,1,2-Trichloroethane	8.44	97	82461	4.857	ug/L	99
47) Tetrachloroethene	8.58	164	91943	4.557	ug/L	98
48) 2-Hexanone	8.73	43	462079	42.677	ug/L	95
49) Dibromochloromethane	8.84	129	100501	4.669	ug/L	99
50) 1,2-Dibromoethane	8.96	107	81509	4.802	ug/L	99
51) Chlorobenzene	9.48	112	307889	4.795	ug/L	98
52) Ethylbenzene	9.60	91	530669	4.693	ug/L	100
53) m,p-Xylene	9.73	106	193556	4.533	ug/L	100
54) o-Xylene	10.13	106	191632	4.598	ug/L	100
55) Styrene	10.15	104	320596	4.725	ug/L	99
56) Isopropylbenzene	10.51	105	513638	4.582	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	103998	4.760	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	75094	4.713	ug/L	98
61) Bromoform	10.32	173	58020	4.470	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	222729	4.658	ug/L	99
63) 1,4-Dichlorobenzene	11.87	146	216599	4.607	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	212472	4.730	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.03	75	13579	4.279	ug/L	92
67) 1,3,5-Trichlorobenzene	13.25	180	123134	4.155	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	78814	3.995	ug/L	99
69) Naphthalene	14.11	128	109168	4.032	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	79282	4.298	ug/L	98

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

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