Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112519\
Data File : VU035825.D
Acq On : 25 Nov 2019 15:13
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Nov 26 00:58:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 25 16:47:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	256519	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	278374	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	159085	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	140211	4.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.60%			
7) Chloroethane-d5	1.93	69	134103	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	2.60	63	243660	3.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.20%			
20) 2-Butanone-d5	4.69	46	435564	56.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.34%			
24) Chloroform-d	5.11	84	284062	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	5.75	65	155904	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.77	84	525245	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
36) 1,2-Dichloropropane-d6	6.73	67	180723	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.93	98	483072	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
43) trans-1,3-Dichloropropene-	8.21	79	68944	4.95	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.00%			
46) 2-Hexanone-d5	8.67	63	369643	66.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 132.08%#			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	158619	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	165530	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	154688	4.450	ug/L	98
3) Chloromethane	1.54	50	191425	4.473	ug/L	98
5) Vinyl chloride	1.62	62	196057	4.577	ug/L	95
6) Bromomethane	1.87	94	108564	4.931	ug/L	98
8) Chloroethane	1.95	64	121779	4.914	ug/L	89
9) Trichlorofluoromethane	2.16	101	231939	4.663	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	128134	4.535	ug/L	97
12) 1,1-Dichloroethene	2.61	96	115025	4.310	ug/L	96
13) Acetone	2.68	43	267586	39.288	ug/L	97
14) Carbon disulfide	2.82	76	371698	4.193	ug/L	100
15) Methyl Acetate	3.00	43	63284	4.635	ug/L	98
16) Methylene chloride	3.08	84	145708	4.519	ug/L	98
17) Methyl tert-butyl Ether	3.42	73	290073	4.492	ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	120258	4.576	ug/L	98
19) 1,1-Dichloroethane	3.92	63	270652	4.584	ug/L	98
21) 2-Butanone	4.77	43	416793	48.360	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	136059	4.646	ug/L	96

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

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Nov 26 00:58:01 2019
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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 25 16:47:30 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	60959	4.778	ug/L	97
25) Chloroform	5.14	83	282680	4.919	ug/L	100
27) 1,2-Dichloroethane	5.84	62	179596	4.752	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	216896	4.825	ug/L	99
30) Cyclohexane	5.43	56	200121	4.556	ug/L	97
31) Carbon tetrachloride	5.57	117	186220	4.784	ug/L	98
33) Benzene	5.82	78	574222	4.942	ug/L	100
34) Trichloroethene	6.58	95	133698	4.693	ug/L	95
35) Methylcyclohexane	6.80	83	189964	4.543	ug/L	97
37) 1,2-Dichloropropane	6.83	63	160888	4.882	ug/L	100
38) Bromodichloromethane	7.14	83	190349	4.819	ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	204482	4.793	ug/L	97
40) 4-Methyl-2-pentanone	7.84	43	985602	48.712	ug/L	100
42) Toluene	8.00	91	594828	4.921	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	179890	5.085	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	105054	4.892	ug/L	97
47) Tetrachloroethene	8.58	164	104865	4.837	ug/L	97
48) 2-Hexanone	8.73	43	758122	50.894	ug/L	94
49) Dibromochloromethane	8.84	129	123135	4.860	ug/L	98
50) 1,2-Dibromoethane	8.96	107	97750	4.974	ug/L	95
51) Chlorobenzene	9.48	112	351270	4.691	ug/L	97
52) Ethylbenzene	9.60	91	578798	4.631	ug/L	100
53) m,p-Xylene	9.72	106	220160	4.996	ug/L	96
54) o-Xylene	10.13	106	207747	4.854	ug/L	100
55) Styrene	10.14	104	364073	5.129	ug/L	99
56) Isopropylbenzene	10.51	105	547489	4.843	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	144592	4.866	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	102733	4.795	ug/L	98
61) Bromoform	10.32	173	69050	4.320	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	271125	4.748	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	270198	4.807	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	256758	4.713	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	20523	4.553	ug/L	89
67) 1,3,5-Trichlorobenzene	13.24	180	191285	5.575	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	114900	5.827	ug/L	99
69) Naphthalene	14.11	128	121932	4.391	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	110392	5.756	ug/L	100

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

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