Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121219\
Data File : VU036156.D
Acq On : 12 Dec 2019 17:33
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Dec 13 01:47:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 01:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	333039	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	339555	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	168117	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	154531	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.93	69	132226	4.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.20%			
11) 1,1-Dichloroethene-d2	2.59	63	216652	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.20%			
20) 2-Butanone-d5	4.70	46	283181	52.23	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.46%			
24) Chloroform-d	5.11	84	228200	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.75	65	114450	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.77	84	449711	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.73	67	141655	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.93	98	438807	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
43) trans-1,3-Dichloropropene-	8.21	79	59613	5.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.00%			
46) 2-Hexanone-d5	8.68	63	234364	53.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.98%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	124114	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	165961	5.19	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	168577	4.567	ug/L	99
3) Chloromethane	1.54	50	196967	4.134	ug/L	100
5) Vinyl chloride	1.62	62	210588	4.734	ug/L	97
6) Bromomethane	1.87	94	125389	4.586	ug/L	97
8) Chloroethane	1.95	64	122908	4.489	ug/L	98
9) Trichlorofluoromethane	2.16	101	256682	4.734	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	126167	4.694	ug/L	98
12) 1,1-Dichloroethene	2.61	96	117765	4.693	ug/L	98
13) Acetone	2.68	43	197370	41.842	ug/L	97
14) Carbon disulfide	2.82	76	391483	4.694	ug/L	100
15) Methyl Acetate	3.00	43	46946	4.668	ug/L	94
16) Methylene chloride	3.08	84	142107	4.050	ug/L	97
17) Methyl tert-butyl Ether	3.42	73	263093	5.041	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	121858	4.680	ug/L	97
19) 1,1-Dichloroethane	3.92	63	230315	4.809	ug/L	99
21) 2-Butanone	4.77	43	303812	48.313	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	131850	4.920	ug/L	96

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Dec 13 01:47:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 01:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	63823	4.785 ug/L	97
25) Chloroform	5.14	83	235706	4.655 ug/L	97
27) 1,2-Dichloroethane	5.84	62	148540	5.005 ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	201469	4.839 ug/L	98
30) Cyclohexane	5.43	56	181244	5.114 ug/L	98
31) Carbon tetrachloride	5.57	117	181047	4.859 ug/L	99
33) Benzene	5.82	78	523547	5.013 ug/L	100
34) Trichloroethene	6.58	95	133585	5.001 ug/L	97
35) Methylcyclohexane	6.80	83	193860	5.092 ug/L	99
37) 1,2-Dichloropropane	6.83	63	132312	4.911 ug/L	100
38) Bromodichloromethane	7.14	83	165783	4.820 ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	181219	5.088 ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	724476	53.267 ug/L	99
42) Toluene	8.00	91	564317	5.102 ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	156329	5.206 ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	96688	4.865 ug/L	97
47) Tetrachloroethene	8.58	164	114320	4.885 ug/L	95
48) 2-Hexanone	8.73	43	540078	54.132 ug/L	99
49) Dibromochloromethane	8.84	129	120565	4.897 ug/L	97
50) 1,2-Dibromoethane	8.96	107	92244	4.953 ug/L	99
51) Chlorobenzene	9.47	112	348674	4.841 ug/L	99
52) Ethylbenzene	9.60	91	558269	5.188 ug/L	99
53) m,p-Xylene	9.72	106	223354	5.285 ug/L	99
54) o-Xylene	10.13	106	215196	5.329 ug/L	96
55) Styrene	10.14	104	373727	5.223 ug/L	97
56) Isopropylbenzene	10.51	105	545478	5.287 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	123600	4.947 ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	90650	5.103 ug/L	97
61) Bromoform	10.32	173	73249	4.576 ug/L	96
62) 1,3-Dichlorobenzene	11.77	146	282711	5.097 ug/L	96
63) 1,4-Dichlorobenzene	11.86	146	275002	5.074 ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	268075	5.041 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	16571	4.880 ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	190138	5.290 ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	101888	5.411 ug/L	99
69) Naphthalene	14.11	128	98363	5.076 ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	100364	5.721 ug/L	97

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

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