Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU123119\
Data File : VU036386.D
Acq On : 31 Dec 2019 13:22
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Jan 01 01:22:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jan 01 01:19:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	281612	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	274284	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	118810	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	90852	4.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.80%			
7) Chloroethane-d5	1.93	69	90230	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.40%			
11) 1,1-Dichloroethene-d2	2.60	63	184803	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.80%			
20) 2-Butanone-d5	4.68	46	271303	51.98	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.96%			
24) Chloroform-d	5.11	84	200038	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.75	65	111307	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
32) Benzene-d6	5.77	84	393940	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.73	67	128486	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.20%			
41) Toluene-d8	7.93	98	365497	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
43) trans-1,3-Dichloropropene-	8.21	79	56513	4.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.40%			
46) 2-Hexanone-d5	8.67	63	260988	51.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.64%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	111185	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
64) 1,2-Dichlorobenzene-d4	12.21	152	121404	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	107741	4.790	ug/L	98
3) Chloromethane	1.54	50	105314	4.842	ug/L	100
5) Vinyl chloride	1.62	62	111335	4.725	ug/L	99
6) Bromomethane	1.87	94	60882	4.483	ug/L	90
8) Chloroethane	1.95	64	66648	4.780	ug/L	96
9) Trichlorofluoromethane	2.16	101	163446	4.890	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	87486	5.033	ug/L	98
12) 1,1-Dichloroethene	2.61	96	85269	4.975	ug/L	96
13) Acetone	2.66	43	165939	49.356	ug/L	90
14) Carbon disulfide	2.83	76	269326	4.791	ug/L	100
15) Methyl Acetate	2.99	43	38515	5.190	ug/L	98
16) Methylene chloride	3.08	84	98845	4.542	ug/L	99
17) Methyl tert-butyl Ether	3.41	73	245041	4.941	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	94750	4.937	ug/L	95
19) 1,1-Dichloroethane	3.92	63	172289	4.957	ug/L	99
21) 2-Butanone	4.76	43	270070	49.643	ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	105418	4.893	ug/L #	97

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.02	128	43566	4.855	ug/L		94
25) Chloroform	5.14	83	187377	5.078	ug/L		96
27) 1,2-Dichloroethane	5.84	62	122636	5.047	ug/L		100
29) 1,1,1-Trichloroethane	5.36	97	165513	4.851	ug/L		98
30) Cyclohexane	5.43	56	168653	4.969	ug/L		98
31) Carbon tetrachloride	5.57	117	143722	4.954	ug/L		98
33) Benzene	5.82	78	398181	4.899	ug/L		100
34) Trichloroethene	6.58	95	113643	5.192	ug/L		96
35) Methylcyclohexane	6.80	83	171115	4.932	ug/L		98
37) 1,2-Dichloropropane	6.83	63	101713	4.852	ug/L		99
38) Bromodichloromethane	7.14	83	137267	4.744	ug/L		99
39) cis-1,3-Dichloropropene	7.64	75	168980	4.916	ug/L		99
40) 4-Methyl-2-pentanone	7.83	43	683470	46.280	ug/L		99
42) Toluene	8.00	91	434463	4.831	ug/L		98
44) trans-1,3-Dichloropropene	8.24	75	134676	4.769	ug/L		97
45) 1,1,2-Trichloroethane	8.43	97	71827	4.711	ug/L		98
47) Tetrachloroethene	8.58	164	76164	4.944	ug/L		95
48) 2-Hexanone	8.72	43	509315	48.724	ug/L		99
49) Dibromochloromethane	8.84	129	93969	4.658	ug/L		98
50) 1,2-Dibromoethane	8.96	107	74825	4.841	ug/L	#	97
51) Chlorobenzene	9.47	112	270738	4.829	ug/L		97
52) Ethylbenzene	9.60	91	490914	4.925	ug/L		97
53) m,p-Xylene	9.72	106	183546	4.792	ug/L		97
54) o-Xylene	10.12	106	181718	4.885	ug/L		98
55) Styrene	10.14	104	298143	4.716	ug/L		99
56) Isopropylbenzene	10.51	105	471454	4.774	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.81	83	93367	4.542	ug/L		95
59) 1,2,3-Trichloropropane	10.85	75	69139	4.780	ug/L		99
61) Bromoform	10.32	173	52727	4.976	ug/L		98
62) 1,3-Dichlorobenzene	11.77	146	191691	4.826	ug/L		98
63) 1,4-Dichlorobenzene	11.86	146	190541	4.851	ug/L		97
65) 1,2-Dichlorobenzene	12.24	146	181388	4.849	ug/L		97
66) 1,2-Dibromo-3-chloropropan	13.02	75	14921	4.339	ug/L		97
67) 1,3,5-Trichlorobenzene	13.24	180	115169	4.081	ug/L		95
68) 1,2,4-trichlorobenzene	13.86	180	80793	3.898	ug/L		99
69) Naphthalene	14.10	128	129948	3.601	ug/L		99
70) 1,2,3-Trichlorobenzene	14.35	180	77901	3.899	ug/L		98

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

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