Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120219\
Data File : VU035937.D
Acq On : 02 Dec 2019 16:33
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00518

Quant Time: Dec 02 18:09:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 30 03:20:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	244064	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	280643	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	158937	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	133594	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.93	69	136241	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	2.59	63	225985	3.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.20%			
20) 2-Butanone-d5	4.70	46	402708	54.58	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.16%			
24) Chloroform-d	5.11	84	268680	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
26) 1,2-Dichloroethane-d4	5.75	65	142842	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
32) Benzene-d6	5.77	84	505102	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.73	67	168354	4.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.40%			
41) Toluene-d8	7.93	98	466747	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
43) trans-1,3-Dichloropropene-	8.21	79	65431	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.20%			
46) 2-Hexanone-d5	8.68	63	329330	58.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.72%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	152400	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	166735	4.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.60%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	138671	4.193	ug/L	98
3) Chloromethane	1.54	50	161651	3.970	ug/L	98
5) Vinyl chloride	1.62	62	173566	4.259	ug/L	97
6) Bromomethane	1.87	94	94899	4.530	ug/L	99
8) Chloroethane	1.95	64	111579	4.732	ug/L	98
9) Trichlorofluoromethane	2.16	101	219126	4.630	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	121111	4.505	ug/L	91
12) 1,1-Dichloroethene	2.61	96	107907	4.249	ug/L	85
13) Acetone	2.68	43	256053	39.513	ug/L	97
14) Carbon disulfide	2.82	76	323352	3.834	ug/L	100
15) Methyl Acetate	3.00	43	56516	4.350	ug/L	98
16) Methylene chloride	3.08	84	155305	5.062	ug/L	93
17) Methyl tert-butyl Ether	3.42	73	270320	4.399	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	113446	4.537	ug/L	94
19) 1,1-Dichloroethane	3.92	63	246786	4.393	ug/L	99
21) 2-Butanone	4.78	43	395163	48.190	ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	128907	4.626	ug/L	94

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 30 03:20:00 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.02	128	60896	5.016	ug/L		90
25) Chloroform	5.13	83	255858	4.680	ug/L		100
27) 1,2-Dichloroethane	5.84	62	157106	4.369	ug/L		99
29) 1,1,1-Trichloroethane	5.36	97	206441	4.555	ug/L		97
30) Cyclohexane	5.43	56	173212	3.911	ug/L		95
31) Carbon tetrachloride	5.57	117	174822	4.455	ug/L		98
33) Benzene	5.82	78	539719	4.607	ug/L		100
34) Trichloroethene	6.58	95	129504	4.509	ug/L		95
35) Methylcyclohexane	6.80	83	173062	4.106	ug/L		96
37) 1,2-Dichloropropane	6.83	63	144622	4.353	ug/L	#	97
38) Bromodichloromethane	7.14	83	180790	4.540	ug/L		99
39) cis-1,3-Dichloropropene	7.64	75	185473	4.312	ug/L		95
40) 4-Methyl-2-pentanone	7.84	43	891626	43.712	ug/L		97
42) Toluene	8.00	91	568068	4.661	ug/L		99
44) trans-1,3-Dichloropropene	8.25	75	159149	4.462	ug/L		98
45) 1,1,2-Trichloroethane	8.43	97	103314	4.772	ug/L		99
47) Tetrachloroethene	8.58	164	104441	4.779	ug/L		95
48) 2-Hexanone	8.73	43	689255	45.897	ug/L	#	93
49) Dibromochloromethane	8.84	129	122394	4.792	ug/L		96
50) 1,2-Dibromoethane	8.96	107	94364	4.763	ug/L		94
51) Chlorobenzene	9.48	112	341033	4.518	ug/L		99
52) Ethylbenzene	9.60	91	548548	4.353	ug/L		100
53) m,p-Xylene	9.72	106	207967	4.681	ug/L		94
54) o-Xylene	10.13	106	199955	4.634	ug/L		99
55) Styrene	10.14	104	351058	4.906	ug/L		97
56) Isopropylbenzene	10.51	105	529020	4.641	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.81	83	134565	4.492	ug/L		97
59) 1,2,3-Trichloropropane	10.85	75	98888	4.578	ug/L		99
61) Bromoform	10.32	173	71710	4.491	ug/L		98
62) 1,3-Dichlorobenzene	11.77	146	261556	4.585	ug/L		98
63) 1,4-Dichlorobenzene	11.86	146	260320	4.635	ug/L		99
65) 1,2-Dichlorobenzene	12.24	146	253594	4.660	ug/L		97
66) 1,2-Dibromo-3-chloropropan	13.02	75	18922	4.202	ug/L		85
67) 1,3,5-Trichlorobenzene	13.24	180	178917	5.219	ug/L		99
68) 1,2,4-trichlorobenzene	13.86	180	90852	4.612	ug/L		98
69) Naphthalene	14.11	128	82626	2.978	ug/L		98
70) 1,2,3-Trichlorobenzene	14.35	180	91971	4.800	ug/L		98

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

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