Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092920\
Data File : VU040387.D
Acq On : 30 Sep 2020 02:40
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00525

Quant Time: Sep 30 03:01:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 02:48:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133393	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135636	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	70348	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	32462	4.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.40%			
7) Chloroethane-d5	1.92	69	28973	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.20%			
11) 1,1-Dichloroethene-d2	2.58	63	80774	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.80%			
20) 2-Butanone-d5	4.65	46	172394	52.55	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.10%			
24) Chloroform-d	5.08	84	80620	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%			
26) 1,2-Dichloroethane-d4	5.72	65	48344	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.74	84	141238	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
36) 1,2-Dichloropropane-d6	6.70	67	49529	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.91	98	121985	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
43) trans-1,3-Dichloropropene-	8.19	79	19091	4.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.80%			
46) 2-Hexanone-d5	8.64	63	128497	53.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.32%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48876	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	53312	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	70745	5.289	ug/L	100
3) Chloromethane	1.53	50	64639	4.927	ug/L	99
5) Vinyl chloride	1.61	62	67742	5.254	ug/L	100
6) Bromomethane	1.87	94	28574	4.557	ug/L	98
8) Chloroethane	1.94	64	39938	5.226	ug/L	95
9) Trichlorofluoromethane	2.15	101	97256	5.468	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	60179	5.299	ug/L	99
12) 1,1-Dichloroethene	2.59	96	51622	5.082	ug/L	92
13) Acetone	2.65	43	134965	49.374	ug/L	98
14) Carbon disulfide	2.81	76	169474	5.278	ug/L	99
15) Methyl Acetate	2.97	43	34575	5.252	ug/L	97
16) Methylene chloride	3.06	84	69060	5.412	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	146272	5.226	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	56735	5.401	ug/L	98
19) 1,1-Dichloroethane	3.89	63	116003	5.381	ug/L	98
21) 2-Butanone	4.73	43	234790	53.512	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	61425	5.286	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	4.99	128	28841	5.421 ug/L		95
25) Chloroform	5.11	83	119299	5.425 ug/L		100
27) 1,2-Dichloroethane	5.81	62	84875	5.574 ug/L		97
29) 1,1,1-Trichloroethane	5.33	97	98811	5.333 ug/L		100
30) Cyclohexane	5.41	56	99569	5.195 ug/L		98
31) Carbon tetrachloride	5.54	117	84642	5.328 ug/L		98
33) Benzene	5.79	78	247226	5.437 ug/L		100
34) Trichloroethene	6.56	95	61761	5.116 ug/L		94
35) Methylcyclohexane	6.77	83	90458	5.109 ug/L		100
37) 1,2-Dichloropropane	6.80	63	68277	5.391 ug/L		100
38) Bromodichloromethane	7.11	83	85494	5.467 ug/L		99
39) cis-1,3-Dichloropropene	7.62	75	86297	5.081 ug/L		95
40) 4-Methyl-2-pentanone	7.80	43	545095	54.964 ug/L		99
42) Toluene	7.98	91	256013	5.490 ug/L		98
44) trans-1,3-Dichloropropene	8.21	75	82459	5.266 ug/L		96
45) 1,1,2-Trichloroethane	8.41	97	48692	5.485 ug/L		99
47) Tetrachloroethene	8.56	164	44463	5.187 ug/L		98
48) 2-Hexanone	8.69	43	409449	56.028 ug/L		99
49) Dibromochloromethane	8.81	129	57183	5.537 ug/L		97
50) 1,2-Dibromoethane	8.93	107	46347	5.442 ug/L	#	94
51) Chlorobenzene	9.45	112	157321	5.218 ug/L		99
52) Ethylbenzene	9.57	91	270567	5.347 ug/L		99
53) m,p-Xylene	9.69	106	100904	5.353 ug/L		100
54) o-Xylene	10.10	106	96264	5.428 ug/L		97
55) Styrene	10.11	104	170911	5.525 ug/L		99
56) Isopropylbenzene	10.48	105	258161	5.395 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	63125	5.246 ug/L		99
59) 1,2,3-Trichloropropane	10.82	75	48422	5.275 ug/L		98
61) Bromoform	10.29	173	31527	5.423 ug/L		98
62) 1,3-Dichlorobenzene	11.74	146	125568	5.391 ug/L		98
63) 1,4-Dichlorobenzene	11.83	146	130180	5.374 ug/L		98
65) 1,2-Dichlorobenzene	12.20	146	121993	5.388 ug/L		100
66) 1,2-Dibromo-3-chloropropan	12.99	75	10678	5.232 ug/L		96
67) 1,3,5-Trichlorobenzene	13.21	180	85498	5.142 ug/L		100
68) 1,2,4-trichlorobenzene	13.83	180	68784	5.148 ug/L		99
69) Naphthalene	14.08	128	118237	5.178 ug/L		98
70) 1,2,3-Trichlorobenzene	14.32	180	66812	5.465 ug/L		99

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

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