Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035780.D
Acq On : 19 Nov 2019 19:47
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00526

Quant Time: Nov 20 00:42:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 20 00:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	191475	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	219933	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	120340	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	77973	3.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.20%			
7) Chloroethane-d5	1.93	69	77159	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.60	63	155211	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.60%			
20) 2-Butanone-d5	4.70	46	234343	53.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.70%			
24) Chloroform-d	5.11	84	166602	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.00%			
26) 1,2-Dichloroethane-d4	5.75	65	84431	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
32) Benzene-d6	5.77	84	315422	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
36) 1,2-Dichloropropane-d6	6.73	67	105873	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.60%			
41) Toluene-d8	7.93	98	298294	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
43) trans-1,3-Dichloropropene-	8.21	79	40512	4.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.60%			
46) 2-Hexanone-d5	8.68	63	175670	50.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.28%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	98961	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	109548	4.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	122329	5.938	ug/L	98
3) Chloromethane	1.54	50	128030	5.388	ug/L	99
5) Vinyl chloride	1.62	62	142389	5.849	ug/L	97
6) Bromomethane	1.87	94	74772	5.387	ug/L	99
8) Chloroethane	1.95	64	82728	5.923	ug/L	98
9) Trichlorofluoromethane	2.16	101	180488	6.077	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	104176	5.938	ug/L	99
12) 1,1-Dichloroethene	2.61	96	99937	5.936	ug/L	88
13) Acetone	2.67	43	180602	57.566	ug/L	100
14) Carbon disulfide	2.82	76	309720	5.673	ug/L	100
15) Methyl Acetate	3.00	43	41883	5.747	ug/L	99
16) Methylene chloride	3.08	84	117644	5.893	ug/L	96
17) Methyl tert-butyl Ether	3.42	73	214127	5.426	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	98286	5.668	ug/L	99
19) 1,1-Dichloroethane	3.92	63	192644	5.984	ug/L	99
21) 2-Butanone	4.78	43	257738	55.327	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	110672	5.781	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	53820	5.934 ug/L	97
25) Chloroform	5.14	83	204990	5.856 ug/L	99
27) 1,2-Dichloroethane	5.84	62	113958	5.849 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	166471	5.750 ug/L	99
30) Cyclohexane	5.43	56	138753	4.794 ug/L	99
31) Carbon tetrachloride	5.57	117	148316	5.684 ug/L	98
33) Benzene	5.82	78	426416	5.509 ug/L	100
34) Trichloroethene	6.58	95	107856	5.445 ug/L	98
35) Methylcyclohexane	6.80	83	142957	4.737 ug/L	98
37) 1,2-Dichloropropane	6.83	63	114206	5.600 ug/L	99
38) Bromodichloromethane	7.14	83	138362	5.607 ug/L	97
39) cis-1,3-Dichloropropene	7.65	75	141546	4.863 ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	606042	51.680 ug/L	99
42) Toluene	8.00	91	474444	5.826 ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	123707	5.316 ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	83256	5.701 ug/L	98
47) Tetrachloroethene	8.58	164	95418	5.528 ug/L	99
48) 2-Hexanone	8.73	43	456909	54.824 ug/L	99
49) Dibromochloromethane	8.84	129	105440	5.852 ug/L	99
50) 1,2-Dibromoethane	8.96	107	77607	5.601 ug/L	99
51) Chlorobenzene	9.48	112	297819	5.570 ug/L	99
52) Ethylbenzene	9.60	91	448617	5.235 ug/L	99
53) m,p-Xylene	9.73	106	182543	5.625 ug/L	99
54) o-Xylene	10.13	106	169853	5.416 ug/L	100
55) Styrene	10.14	104	292839	5.648 ug/L	100
56) Isopropylbenzene	10.51	105	443626	5.360 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	103834	5.441 ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	74321	5.510 ug/L	97
61) Bromoform	10.32	173	62082	5.676 ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	217259	5.369 ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	210175	5.394 ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	203839	5.368 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	12490	5.169 ug/L	89
67) 1,3,5-Trichlorobenzene	13.24	180	118615	4.548 ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	62067	3.950 ug/L	96
69) Naphthalene	14.11	128	68269	3.528 ug/L	97
70) 1,2,3-Trichlorobenzene	14.35	180	62647	4.123 ug/L	97

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

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