

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036120.D
 Acq On : 11 Dec 2019 07:03
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: Dec 11 07:36:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 07:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	308562	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	325933	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	170671	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	142938	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.93	69	132153	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.59	63	200121	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	4.69	46	289013	61.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.34%
24) Chloroform-d	5.11	84	222808	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.75	65	114607	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.77	84	428875	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.73	67	131942	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.93	98	413187	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
43) trans-1,3-Dichloropropene-	8.21	79	51560	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.67	63	259522	69.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.34%#
57) 1,1,2,2-Tetrachloroethane-	10.78	84	124982	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	157021	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	150654	4.967	ug/L	97
3) Chloromethane	1.54	50	166431	5.619	ug/L	99
5) Vinyl chloride	1.62	62	188933	6.115	ug/L	100
6) Bromomethane	1.87	94	97744	3.937	ug/L	99
8) Chloroethane	1.95	64	119505	5.084	ug/L	98
9) Trichlorofluoromethane	2.16	101	248688	4.623	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	122369	4.099	ug/L	97
12) 1,1-Dichloroethene	2.61	96	112070	4.175	ug/L	91
13) Acetone	2.68	43	208461	35.041	ug/L	100
14) Carbon disulfide	2.82	76	349150	4.540	ug/L	99
15) Methyl Acetate	2.99	43	49230	5.605	ug/L	99
16) Methylene chloride	3.08	84	146787	4.708	ug/L	98
17) Methyl tert-butyl Ether	3.42	73	247272	5.350	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	113560	4.956	ug/L	98
19) 1,1-Dichloroethane	3.92	63	218264	5.307	ug/L	99
21) 2-Butanone	4.77	43	329207	55.287	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	127019	5.282	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	62976	5.065	ug/L	94
25) Chloroform	5.14	83	239599	5.228	ug/L	98
27) 1,2-Dichloroethane	5.84	62	144927	5.352	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	194071	5.283	ug/L	99
30) Cyclohexane	5.43	56	157275	5.453	ug/L	97
31) Carbon tetrachloride	5.57	117	177193	5.334	ug/L	99
33) Benzene	5.82	78	509562	5.720	ug/L	100
34) Trichloroethene	6.58	95	131299	5.551	ug/L	96
35) Methylcyclohexane	6.80	83	165800	5.225	ug/L	99
37) 1,2-Dichloropropane	6.83	63	128128	5.734	ug/L	99
38) Bromodichloromethane	7.14	83	169080	5.630	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	164044	5.402	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	758383	64.978	ug/L	99
42) Toluene	8.00	91	545397	5.709	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	145211	5.531	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	103042	5.857	ug/L	97
47) Tetrachloroethene	8.58	164	123006	5.470	ug/L	99
48) 2-Hexanone	8.73	43	587551	70.174	ug/L	98
49) Dibromochloromethane	8.84	129	123621	5.294	ug/L	99
50) 1,2-Dibromoethane	8.96	107	96441	5.669	ug/L	97
51) Chlorobenzene	9.48	112	347199	5.215	ug/L	100
52) Ethylbenzene	9.60	91	517702	5.172	ug/L	98
53) m,p-Xylene	9.72	106	205870	5.166	ug/L	98
54) o-Xylene	10.13	106	193577	5.172	ug/L	92
55) Styrene	10.14	104	345407	5.382	ug/L	100
56) Isopropylbenzene	10.51	105	506852	5.133	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	123991	5.331	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	95668	5.990	ug/L	97
61) Bromoform	10.32	173	75937	4.471	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	271410	4.862	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	267869	4.870	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	266841	4.837	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	19277	5.563	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	181979	4.811	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	93796	4.670	ug/L	97
69) Naphthalene	14.11	128	86065	4.453	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	93110	4.835	ug/L	99

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

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