

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122019\
 Data File : VU036306.D
 Acq On : 20 Dec 2019 09:33
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Quant Time: Dec 20 22:19:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 15:26:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	243880	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261512	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143305	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	112803	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.93	69	102241	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.60	63	160629	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.80%
20) 2-Butanone-d5	4.69	46	202705	50.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.76%
24) Chloroform-d	5.11	84	176345	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.75	65	87975	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.77	84	321314	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.73	67	98215	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.93	98	303578	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	8.21	79	42590	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.67	63	169365	51.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.94%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	93576	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	119315	4.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	139155	5.112	ug/L	97
3) Chloromethane	1.54	50	148331	4.343	ug/L	99
5) Vinyl chloride	1.62	62	152557	4.708	ug/L	97
6) Bromomethane	1.88	94	90063	5.562	ug/L	93
8) Chloroethane	1.95	64	94736	4.895	ug/L	99
9) Trichlorofluoromethane	2.16	101	206199	5.049	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	102218	5.224	ug/L	99
12) 1,1-Dichloroethene	2.61	96	89279	4.935	ug/L	92
13) Acetone	2.67	43	173284	49.418	ug/L	96
14) Carbon disulfide	2.82	76	290020	4.778	ug/L	97
15) Methyl Acetate	2.99	43	38075	5.374	ug/L	99
16) Methylene chloride	3.08	84	113285	4.259	ug/L	97
17) Methyl tert-butyl Ether	3.41	73	189736	4.893	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	92741	4.894	ug/L	95
19) 1,1-Dichloroethane	3.92	63	178179	5.093	ug/L	99
21) 2-Butanone	4.77	43	252689	53.929	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	99395	4.890	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	52168	5.305	ug/L	98
25) Chloroform	5.13	83	193012	5.100	ug/L	99
27) 1,2-Dichloroethane	5.84	62	120600	5.373	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	166295	5.165	ug/L	99
30) Cyclohexane	5.43	56	126078	4.603	ug/L	98
31) Carbon tetrachloride	5.57	117	151867	5.174	ug/L	99
33) Benzene	5.82	78	403375	5.019	ug/L	100
34) Trichloroethene	6.58	95	103142	4.978	ug/L	98
35) Methylcyclohexane	6.80	83	139272	4.728	ug/L	96
37) 1,2-Dichloropropane	6.83	63	102314	4.990	ug/L	99
38) Bromodichloromethane	7.14	83	136908	5.130	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	137005	4.904	ug/L	97
40) 4-Methyl-2-pentanone	7.84	43	585543	54.596	ug/L	99
42) Toluene	8.00	91	438867	5.095	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	123065	5.244	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	79855	5.198	ug/L	94
47) Tetrachloroethene	8.58	164	92556	4.946	ug/L	95
48) 2-Hexanone	8.72	43	450048	56.228	ug/L	99
49) Dibromochloromethane	8.84	129	100922	5.315	ug/L	100
50) 1,2-Dibromoethane	8.95	107	75323	5.140	ug/L	96
51) Chlorobenzene	9.47	112	278634	4.898	ug/L	99
52) Ethylbenzene	9.60	91	421630	4.873	ug/L	99
53) m,p-Xylene	9.72	106	170481	5.114	ug/L	100
54) o-Xylene	10.13	106	159398	4.957	ug/L	96
55) Styrene	10.14	104	290220	5.100	ug/L	97
56) Isopropylbenzene	10.51	105	413444	5.007	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	102763	5.254	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	74831	5.491	ug/L	97
61) Bromoform	10.32	173	61859	4.972	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	243018	5.027	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	240163	5.008	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	232031	5.037	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	16277	5.320	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	181844	5.019	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	125702	5.282	ug/L	96
69) Naphthalene	14.10	128	169953	5.613	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	126463	5.494	ug/L	98

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

