

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120619\
 Data File : VU036013.D
 Acq On : 06 Dec 2019 09:47
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Quant Time: Dec 06 22:28:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 06 13:10:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	285309	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	294439	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	148976	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	145323	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.93	69	118940	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.59	63	220456	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	4.69	46	239207	41.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.06%
24) Chloroform-d	5.11	84	226276	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.74	65	116009	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.77	84	454662	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.73	67	132253	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.93	98	419566	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	8.21	79	55386	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.67	63	207665	46.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.60%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	112955	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	151638	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	152228	5.152	ug/L 99
3) Chloromethane	1.54	50	152073	4.507	ug/L 99
5) Vinyl chloride	1.62	62	165574	4.858	ug/L 97
6) Bromomethane	1.87	94	80979	4.144	ug/L 100
8) Chloroethane	1.95	64	97020	4.591	ug/L 99
9) Trichlorofluoromethane	2.16	101	213895	5.345	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	119575	5.453	ug/L 93
12) 1,1-Dichloroethene	2.61	96	110362	5.397	ug/L 87
13) Acetone	2.67	43	188832	36.265	ug/L 99
14) Carbon disulfide	2.82	76	362271	5.058	ug/L 99
15) Methyl Acetate	2.99	43	43076	4.616	ug/L 99
16) Methylene chloride	3.08	84	128808	4.067	ug/L 93
17) Methyl tert-butyl Ether	3.41	73	235244	4.911	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	112950	5.217	ug/L 96
19) 1,1-Dichloroethane	3.92	63	216049	5.105	ug/L 100
21) 2-Butanone	4.76	43	282485	42.261	ug/L 92
22) cis-1,2-Dichloroethene	4.72	96	124075	5.424	ug/L 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	5.02	128	60466	5.775	ug/L #	86
25) Chloroform	5.13	83	226282	5.299	ug/L	99
27) 1,2-Dichloroethane	5.84	62	138190	5.063	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	190740	5.356	ug/L	98
30) Cyclohexane	5.43	56	163826	4.658	ug/L	96
31) Carbon tetrachloride	5.56	117	172169	5.453	ug/L	100
33) Benzene	5.82	78	493558	5.330	ug/L	100
34) Trichloroethene	6.58	95	122337	5.225	ug/L	96
35) Methylcyclohexane	6.80	83	175787	5.007	ug/L	95
37) 1,2-Dichloropropane	6.83	63	122145	4.872	ug/L	100
38) Bromodichloromethane	7.14	83	158468	5.281	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	165366	4.971	ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	633846	43.014	ug/L	96
42) Toluene	8.00	91	526935	5.448	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	139781	4.915	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	91700	5.373	ug/L	97
47) Tetrachloroethene	8.58	164	108594	5.706	ug/L	97
48) 2-Hexanone	8.73	43	496979	45.659	ug/L	98
49) Dibromochloromethane	8.84	129	116269	5.586	ug/L	95
50) 1,2-Dibromoethane	8.96	107	87458	5.281	ug/L	93
51) Chlorobenzene	9.47	112	332721	5.509	ug/L	97
52) Ethylbenzene	9.60	91	514647	5.264	ug/L	99
53) m,p-Xylene	9.72	106	203884	5.524	ug/L	99
54) o-Xylene	10.13	106	191875	5.540	ug/L	95
55) Styrene	10.14	104	336227	5.773	ug/L	99
56) Isopropylbenzene	10.51	105	495051	5.453	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	115316	5.034	ug/L #	97
59) 1,2,3-Trichloropropane	10.85	75	82270	5.048	ug/L	95
61) Bromoform	10.32	173	68465	4.976	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	264310	5.334	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	258098	5.248	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	249686	5.273	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	14745	3.997	ug/L #	80
67) 1,3,5-Trichlorobenzene	13.24	180	175931	5.202	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	83733	4.620	ug/L	98
69) Naphthalene	14.11	128	70908	3.436	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	82825	4.615	ug/L	98

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

