

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U101219\
 Data File : VU035077.D
 Acq On : 11 Oct 2019 09:47
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00514

Quant Time: Oct 12 01:47:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 10 03:36:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	168686	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	171295	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	84813	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	48555	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.67	69	46867	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.26	63	104745	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.60%
20) 2-Butanone-d5	4.17	46	156630	53.34	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.68%
24) Chloroform-d	4.62	84	95821	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.29	65	54124	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.32	84	187390	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.31	67	63451	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.54	98	178871	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.83	79	22028	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.30	63	111865	48.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.34%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58765	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	66927	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	76302	4.950 ug/L	99
3) Chloromethane	1.32	50	86082	5.090 ug/L	97
5) Vinyl chloride	1.40	62	82626	4.974 ug/L	100
6) Bromomethane	1.62	94	44093	4.775 ug/L	93
8) Chloroethane	1.69	64	50079	5.027 ug/L	100
9) Trichlorofluoromethane	1.88	101	106375	5.295 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	60910	5.280 ug/L	96
12) 1,1-Dichloroethene	2.27	96	54803	5.058 ug/L	86
13) Acetone	2.31	43	127963	53.207 ug/L	95
14) Carbon disulfide	2.47	76	170632	4.732 ug/L	100
15) Methyl Acetate	2.60	43	33521	5.236 ug/L	96
16) Methylene chloride	2.68	84	65317	4.870 ug/L	87
17) Methyl tert-butyl Ether	2.98	73	153923	5.207 ug/L	98
18) trans-1,2-Dichloroethene	2.96	96	58184	5.015 ug/L	94
19) 1,1-Dichloroethane	3.42	63	120837	5.240 ug/L	99
21) 2-Butanone	4.25	43	177414	51.801 ug/L	93
22) cis-1,2-Dichloroethene	4.20	96	64452	4.980 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.53	128	28573	5.268	ug/L	91
25) Chloroform	4.65	83	125768	4.854	ug/L	99
27) 1,2-Dichloroethane	5.38	62	76715	5.070	ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	96741	5.028	ug/L	97
30) Cyclohexane	4.97	56	99798	4.718	ug/L	93
31) Carbon tetrachloride	5.11	117	84441	5.062	ug/L	99
33) Benzene	5.37	78	256366	4.969	ug/L	100
34) Trichloroethene	6.16	95	63698	4.787	ug/L	96
35) Methylcyclohexane	6.39	83	98938	4.591	ug/L	96
37) 1,2-Dichloropropane	6.41	63	70627	5.074	ug/L	100
38) Bromodichloromethane	6.74	83	83142	5.096	ug/L	95
39) cis-1,3-Dichloropropene	7.25	75	92952	4.930	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	448676	51.219	ug/L	94
42) Toluene	7.62	91	279305	5.186	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	73381	5.025	ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	48295	5.226	ug/L	93
47) Tetrachloroethene	8.21	164	51928	4.821	ug/L	94
48) 2-Hexanone	8.35	43	308314	51.333	ug/L	94
49) Dibromochloromethane	8.46	129	55133	5.161	ug/L	98
50) 1,2-Dibromoethane	8.57	107	46583	5.274	ug/L	99
51) Chlorobenzene	9.10	112	173404	4.968	ug/L	100
52) Ethylbenzene	9.23	91	298085	5.011	ug/L	98
53) m,p-Xylene	9.36	106	112578	5.123	ug/L	98
54) o-Xylene	9.76	106	109217	5.082	ug/L	95
55) Styrene	9.77	104	183195	5.264	ug/L	100
56) Isopropylbenzene	10.15	105	291379	5.090	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	66072	5.257	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	47586	5.282	ug/L	98
61) Bromoform	9.94	173	30508	5.245	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	133075	5.093	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	131739	4.996	ug/L	96
65) 1,2-Dichlorobenzene	11.86	146	126793	5.029	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	7906	4.935	ug/L	94
67) 1,3,5-Trichlorobenzene	12.87	180	80272	4.537	ug/L	96
68) 1,2,4-trichlorobenzene	13.48	180	56866	4.304	ug/L	96
69) Naphthalene	13.73	128	78165	3.805	ug/L	99
70) 1,2,3-Trichlorobenzene	13.96	180	57564	4.480	ug/L	98

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

