

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101719\
 Data File : VU035202.D
 Acq On : 17 Oct 2019 10:02
 Operator : JC/SP
 Sample : VSTD00101
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00101

Quant Time: Oct 18 02:11:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 02:07:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	403942	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	383614	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	165477	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	23283	0.96	ug/L	0.00
7) Chloroethane-d5	1.93	69	20308	0.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	43061	0.86	ug/L	0.00
20) 2-Butanone-d5	4.72	46	64057	8.93	ug/L	0.00
24) Chloroform-d	5.12	84	41506	0.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.76	65	24164	0.90	ug/L	0.00
32) Benzene-d6	5.77	84	82276	0.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	26275	0.87	ug/L	0.00
41) Toluene-d8	7.93	98	77903	0.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	12735	1.10	ug/L	0.00
46) 2-Hexanone-d5	8.69	63	52089	9.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	22388	0.87	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	26664	0.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	34465	0.943 ug/L	99
3) Chloromethane	1.53	50	33584	0.855 ug/L	97
5) Vinyl chloride	1.62	62	34198	0.879 ug/L	99
6) Bromomethane	1.88	94	19290	0.876 ug/L	98
8) Chloroethane	1.95	64	22585	0.963 ug/L	99
9) Trichlorofluoromethane	2.16	101	46006	0.958 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	26964	0.969 ug/L	98
12) 1,1-Dichloroethene	2.61	96	25120	0.968 ug/L	88
13) Acetone	2.70	43	50856	8.977 ug/L	92
14) Carbon disulfide	2.83	76	82104	0.960 ug/L	100
15) Methyl Acetate	3.01	43	12133	0.821 ug/L	100
16) Methylene chloride	3.09	84	31551	0.988 ug/L	97
17) Methyl tert-butyl Ether	3.43	73	70171	0.985 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	27696	0.989 ug/L	92
19) 1,1-Dichloroethane	3.92	63	52117	0.957 ug/L	98
21) 2-Butanone	4.81	43	79290	9.724 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	31453	1.007 ug/L	94
23) Bromochloromethane	5.03	128	13229	1.015 ug/L	98
25) Chloroform	5.14	83	57778	0.949 ug/L	93
27) 1,2-Dichloroethane	5.84	62	34245	0.950 ug/L	99
29) 1,1,1-Trichloroethane	5.37	97	45651	1.046 ug/L	98
30) Cyclohexane	5.43	56	49252	1.032 ug/L	97
31) Carbon tetrachloride	5.57	117	39694	1.046 ug/L	99
33) Benzene	5.82	78	111009	0.960 ug/L	100
34) Trichloroethene	6.58	95	31288	1.044 ug/L	95
35) Methylcyclohexane	6.80	83	49863	1.020 ug/L	99
37) 1,2-Dichloropropane	6.84	63	28919	0.939 ug/L	99
38) Bromodichloromethane	7.15	83	38925	1.049 ug/L	98
39) cis-1,3-Dichloropropene	7.65	75	47287	1.086 ug/L	97
40) 4-Methyl-2-pentanone	7.85	43	184128	9.342 ug/L	99

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42) Toluene	8.01	91	125489	1.035	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	37750	1.110	ug/L	96
45) 1,1,2-Trichloroethane	8.44	97	21437	1.025	ug/L	97
47) Tetrachloroethene	8.58	164	24714	1.012	ug/L	95
48) 2-Hexanone	8.74	43	129306	9.531	ug/L	98
49) Dibromochloromethane	8.84	129	26794	1.091	ug/L	98
50) 1,2-Dibromoethane	8.96	107	21720	1.078	ug/L	98
51) Chlorobenzene	9.48	112	80039	1.014	ug/L	98
52) Ethylbenzene	9.60	91	139431	1.032	ug/L	99
53) m,p-Xylene	9.73	106	52910	1.057	ug/L	98
54) o-Xylene	10.13	106	51611	1.054	ug/L	99
55) Styrene	10.15	104	80522	1.014	ug/L	97
56) Isopropylbenzene	10.51	105	136779	1.044	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.82	83	26858	0.954	ug/L	93
59) 1,2,3-Trichloropropane	10.86	75	19408	0.955	ug/L	96
61) Bromoform	10.32	173	16007	1.314	ug/L	99
62) 1,3-Dichlorobenzene	11.78	146	55138	1.064	ug/L	99
63) 1,4-Dichlorobenzene	11.87	146	54877	1.052	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	51804	1.042	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.03	75	3315	1.044	ug/L	96
67) 1,3,5-Trichlorobenzene	13.25	180	28272	0.819	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	12731	0.509	ug/L	98
69) Naphthalene	14.11	128	15307	0.409	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	12187	0.504	ug/L	98

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

