

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101719\
 Data File : VU035203.D
 Acq On : 17 Oct 2019 10:25
 Operator : JC/SP
 Sample : VSTD00502
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00502

Quant Time: Oct 18 02:12:18 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	6.29	114	393251	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	372993	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	184397	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121752	5.14	ug/L	0.00
7) Chloroethane-d5	1.93	69	108318	4.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	224569	4.62	ug/L	0.00
20) 2-Butanone-d5	4.72	46	364828	52.25	ug/L	0.00
24) Chloroform-d	5.12	84	221975	5.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	121665	4.68	ug/L	0.00
32) Benzene-d6	5.77	84	443492	5.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	140625	4.80	ug/L	0.00
41) Toluene-d8	7.93	98	422990	4.98	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	68921	6.10	ug/L	0.00
46) 2-Hexanone-d5	8.69	63	306097	58.53	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	123319	4.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	159118	5.03	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	165026	4.640	ug/L 100
3) Chloromethane	1.54	50	158211	4.139	ug/L 100
5) Vinyl chloride	1.62	62	168023	4.437	ug/L 100
6) Bromomethane	1.88	94	96894	4.518	ug/L 100
8) Chloroethane	1.95	64	104838	4.593	ug/L 100
9) Trichlorofluoromethane	2.16	101	225445	4.821	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	130910	4.834	ug/L 100
12) 1,1-Dichloroethene	2.61	96	122624	4.854	ug/L 100
13) Acetone	2.70	43	242949	44.050	ug/L 100
14) Carbon disulfide	2.83	76	385979	4.634	ug/L 100
15) Methyl Acetate	3.01	43	55032	3.824	ug/L 100
16) Methylene chloride	3.09	84	136494	4.388	ug/L 100
17) Methyl tert-butyl Ether	3.43	73	341548	4.925	ug/L 100
18) trans-1,2-Dichloroethene	3.40	96	136097	4.991	ug/L 100
19) 1,1-Dichloroethane	3.92	63	243230	4.586	ug/L 100
21) 2-Butanone	4.80	43	388557	48.945	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	147526	4.853	ug/L 100
23) Bromochloromethane	5.03	128	64648	5.094	ug/L 100
25) Chloroform	5.14	83	258179	4.354	ug/L 100
27) 1,2-Dichloroethane	5.84	62	164227	4.678	ug/L 100
29) 1,1,1-Trichloroethane	5.37	97	215675	5.081	ug/L 100
30) Cyclohexane	5.43	56	232312	5.005	ug/L 100
31) Carbon tetrachloride	5.57	117	193443	5.241	ug/L 100
33) Benzene	5.82	78	549149	4.882	ug/L 100
34) Trichloroethene	6.58	95	144454	4.959	ug/L 100
35) Methylcyclohexane	6.80	83	243508	5.122	ug/L 100
37) 1,2-Dichloropropane	6.83	63	137404	4.587	ug/L 100
38) Bromodichloromethane	7.15	83	184425	5.110	ug/L 100
39) cis-1,3-Dichloropropene	7.65	75	231008	5.454	ug/L 100
40) 4-Methyl-2-pentanone	7.85	43	933568	48.712	ug/L 100

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42) Toluene	8.01	91	601084	5.099	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	188286	5.693	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	103352	5.082	ug/L	100
47) Tetrachloroethene	8.59	164	119427	5.029	ug/L	100
48) 2-Hexanone	8.74	43	672591	50.990	ug/L	100
49) Dibromochloromethane	8.84	129	130947	5.485	ug/L	100
50) 1,2-Dibromoethane	8.96	107	102635	5.239	ug/L	100
51) Chlorobenzene	9.48	112	385399	5.022	ug/L	100
52) Ethylbenzene	9.60	91	682259	5.195	ug/L	100
53) m,p-Xylene	9.73	106	258438	5.308	ug/L	100
54) o-Xylene	10.13	106	250330	5.260	ug/L	100
55) Styrene	10.15	104	416838	5.400	ug/L	100
56) Isopropylbenzene	10.51	105	680747	5.345	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	131135	4.788	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	96708	4.894	ug/L	100
61) Bromoform	10.32	173	81902	6.033	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	299635	5.189	ug/L	100
63) 1,4-Dichlorobenzene	11.87	146	295284	5.079	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	281289	5.078	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.03	75	19292	5.453	ug/L	100
67) 1,3,5-Trichlorobenzene	13.25	180	191490	4.977	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	120670	4.330	ug/L	100
69) Naphthalene	14.11	128	137244	3.291	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	112678	4.178	ug/L	100

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

