

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050819\
 Data File : VU031815.D
 Acq On : 08 May 2019 10:58
 Operator : JC/SP
 Sample : VSTD00507
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00507

Quant Time: May 09 01:25:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 09 01:21:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	333427	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	332493	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155924	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	116088	4.49	ug/L	0.00
7) Chloroethane-d5	1.67	69	96064	4.77	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	244531	4.91	ug/L	0.00
20) 2-Butanone-d5	4.19	46	451302	60.72	ug/L	0.00
24) Chloroform-d	4.64	84	242166	5.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	142363	6.02	ug/L	0.00
32) Benzene-d6	5.33	84	446456	4.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	158500	5.34	ug/L	0.00
41) Toluene-d8	7.56	98	390141	4.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	61452	5.31	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	299831	53.02	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125994	5.33	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	125002	4.61	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	189658	6.256	ug/L 100
3) Chloromethane	1.32	50	218296	5.943	ug/L 100
5) Vinyl chloride	1.40	62	191945	5.437	ug/L 100
6) Bromomethane	1.61	94	87711	4.928	ug/L 100
8) Chloroethane	1.69	64	105769	5.316	ug/L 100
9) Trichlorofluoromethane	1.88	101	229076	5.585	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	116243	5.024	ug/L 100
12) 1,1-Dichloroethene	2.28	96	113661	4.941	ug/L 100
13) Acetone	2.32	43	295152	56.623	ug/L 100
14) Carbon disulfide	2.47	76	387472	5.056	ug/L 100
15) Methyl Acetate	2.61	43	75004	5.292	ug/L 100
16) Methylene chloride	2.69	84	140657	5.299	ug/L 100
17) Methyl tert-butyl Ether	3.00	73	329620	5.061	ug/L 100
18) trans-1,2-Dichloroethene	2.97	96	115718	4.811	ug/L 100
19) 1,1-Dichloroethane	3.43	63	306327	6.236	ug/L 100
21) 2-Butanone	4.27	43	512815	63.303	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	145176	5.611	ug/L 100
23) Bromochloromethane	4.54	128	59524	5.430	ug/L 100
25) Chloroform	4.67	83	287655	6.292	ug/L 100
27) 1,2-Dichloroethane	5.40	62	193577	6.393	ug/L 100
29) 1,1,1-Trichloroethane	4.90	97	232870	5.883	ug/L 100
30) Cyclohexane	4.98	56	255541	5.472	ug/L 100
31) Carbon tetrachloride	5.12	117	196000	5.802	ug/L 100
33) Benzene	5.38	78	609834	5.743	ug/L 100
34) Trichloroethene	6.18	95	148240	5.376	ug/L 100
35) Methylcyclohexane	6.41	83	218270	5.370	ug/L 100
37) 1,2-Dichloropropane	6.43	63	176004	6.075	ug/L 100
38) Bromodichloromethane	6.75	83	200178	5.942	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	213444	5.473	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	1182522	60.109	ug/L 100

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42) Toluene	7.63	91	626151	5.847	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	173505	5.706	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	98032	5.235	ug/L	100
47) Tetrachloroethene	8.22	164	95191	5.070	ug/L	100
48) 2-Hexanone	8.36	43	866755	62.548	ug/L	100
49) Dibromochloromethane	8.47	129	113302	5.323	ug/L	100
50) 1,2-Dibromoethane	8.58	107	91984	5.140	ug/L	100
51) Chlorobenzene	9.12	112	349569	5.494	ug/L	100
52) Ethylbenzene	9.24	91	629750	5.609	ug/L	100
53) m,p-Xylene	9.37	106	229879	5.719	ug/L	100
54) o-Xylene	9.77	106	221260	5.639	ug/L	100
55) Styrene	9.79	104	385065	5.891	ug/L	100
56) Isopropylbenzene	10.16	105	579279	5.582	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	131911	5.454	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	99609	5.622	ug/L	100
61) Bromoform	9.95	173	60102	4.966	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	246097	5.313	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	250888	5.195	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	243944	5.298	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	22116	5.696	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	189679	5.359	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	144031	5.216	ug/L	100
69) Naphthalene	13.74	128	234871	4.511	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	136263	5.038	ug/L	100

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

