

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\
 Data File : VU031461.D
 Acq On : 24 Apr 2019 11:08
 Operator : JC/SP
 Sample : VSTD01007
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01007

Quant Time: Apr 25 05:50:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 05:46:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	379913	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	365788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	169897	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	312177	7.71	ug/L	0.00
7) Chloroethane-d5	1.68	69	242128	7.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	586960	7.43	ug/L	0.00
20) 2-Butanone-d5	4.21	46	897988	109.00	ug/L	0.00
24) Chloroform-d	4.64	84	500937	9.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	263853	9.37	ug/L	0.00
32) Benzene-d6	5.33	84	1020186	10.07	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	334659	10.49	ug/L	0.00
41) Toluene-d8	7.56	98	920864	10.26	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	129761	10.20	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	689555	115.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	263696	9.88	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	311392	9.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	332654	8.024	ug/L 99
3) Chloromethane	1.32	50	402591	7.176	ug/L 98
5) Vinyl chloride	1.40	62	400077	7.075	ug/L 96
6) Bromomethane	1.63	94	204305	6.616	ug/L 98
8) Chloroethane	1.70	64	223115	6.891	ug/L 95
9) Trichlorofluoromethane	1.88	101	468541	6.606	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	263938	6.866	ug/L 100
12) 1,1-Dichloroethene	2.28	96	259549	6.763	ug/L 97
13) Acetone	2.35	43	579338	67.633	ug/L 99
14) Carbon disulfide	2.47	76	898591	7.021	ug/L 99
15) Methyl Acetate	2.63	43	161138	6.777	ug/L 99
16) Methylene chloride	2.70	84	289886	6.192	ug/L 97
17) Methyl tert-butyl Ether	3.00	73	760204	7.307	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	285567	7.018	ug/L 97
19) 1,1-Dichloroethane	3.44	63	536563	9.378	ug/L 98
21) 2-Butanone	4.29	43	958223	101.482	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	296506	9.016	ug/L 97
23) Bromochloromethane	4.54	128	129115	8.890	ug/L 99
25) Chloroform	4.67	83	506708	8.752	ug/L 98
27) 1,2-Dichloroethane	5.40	62	328368	8.767	ug/L 97
29) 1,1,1-Trichloroethane	4.91	97	422649	8.790	ug/L 98
30) Cyclohexane	4.98	56	528974	10.374	ug/L 99
31) Carbon tetrachloride	5.13	117	363777	8.421	ug/L 99
33) Benzene	5.38	78	1139492	9.290	ug/L 100
34) Trichloroethene	6.18	95	292472	8.758	ug/L 96
35) Methylcyclohexane	6.41	83	467446	10.061	ug/L 96
37) 1,2-Dichloropropane	6.43	63	308682	9.464	ug/L 99
38) Bromodichloromethane	6.75	83	361636	9.060	ug/L 99
39) cis-1,3-Dichloropropene	7.27	75	442978	10.182	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	2147790	101.673	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	1180364	9.579	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	346126	9.696	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	213071	9.156	ug/L	98
47) Tetrachloroethene	8.22	164	209999	8.552	ug/L	96
48) 2-Hexanone	8.36	43	1561658	104.447	ug/L	99
49) Dibromochloromethane	8.47	129	236891	8.700	ug/L	96
50) 1,2-Dibromoethane	8.58	107	205953	9.397	ug/L #	99
51) Chlorobenzene	9.12	112	700323	9.091	ug/L	96
52) Ethylbenzene	9.25	91	1257986	9.776	ug/L	99
53) m,p-Xylene	9.37	106	460829	10.003	ug/L	98
54) o-Xylene	9.77	106	447721	9.830	ug/L	98
55) Styrene	9.79	104	774790	10.248	ug/L	96
56) Isopropylbenzene	10.16	105	1212772	10.155	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	269428	9.120	ug/L	95
59) 1,2,3-Trichloropropane	10.49	75	190210	8.957	ug/L	100
61) Bromoform	9.95	173	135748	8.470	ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	510041	9.205	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	518374	9.276	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	500137	8.958	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	41685	9.122	ug/L	85
67) 1,3,5-Trichlorobenzene	12.88	180	398876	8.837	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	326956	10.031	ug/L	99
69) Naphthalene	13.74	128	644169	9.772	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	318205	9.786	ug/L	100

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

