

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\
 Data File : VU033901.D
 Acq On : 22 Aug 2019 15:37
 Operator : JC/SP
 Sample : VSTD05031
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05031

Quant Time: Aug 23 01:57:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 01:53:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	567556	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	571643	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	290181	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	252125	49.18	ug/L	0.00
7) Chloroethane-d5	1.67	69	205730	43.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	450921	51.78	ug/L	0.00
21) 2-Butanone-d5	4.15	46	350489	123.99	ug/L	0.00
24) Chloroform-d	4.62	84	415072	50.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	265969	51.07	ug/L	0.00
32) Benzene-d6	5.31	84	841006	52.10	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	268507	51.05	ug/L	0.00
41) Toluene-d8	7.54	98	776327	52.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	124463	50.93	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	240584	120.53	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	376224	51.65	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	287746	49.31	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	260146	46.836	ug/L	100
3) Chloromethane	1.32	50	255421	45.026	ug/L	100
5) Vinyl chloride	1.39	62	289106	45.623	ug/L	100
6) Bromomethane	1.61	94	111107	25.492	ug/L	100
8) Chloroethane	1.68	64	175070	40.194	ug/L	100
9) Trichlorofluoromethane	1.87	101	346675	41.769	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	197817	48.402	ug/L	100
12) 1,1-Dichloroethene	2.27	96	188357	47.828	ug/L	100
13) Acetone	2.30	43	311723	112.968	ug/L	100
14) Carbon disulfide	2.46	76	592201	47.662	ug/L	100
15) Methyl Acetate	2.60	43	262551	57.519	ug/L	100
16) Methylene chloride	2.68	84	226254	49.106	ug/L	100
17) trans-1,2-Dichloroethene	2.96	96	200517	48.563	ug/L	100
18) Methyl tert-butyl Ether	2.98	73	618546	51.060	ug/L	100
19) 1,1-Dichloroethane	3.42	63	403348	50.363	ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	226369	50.648	ug/L	100
22) 2-Butanone	4.23	43	399949	124.443	ug/L	100
23) Bromochloromethane	4.52	128	115372	47.803	ug/L	100
25) Chloroform	4.65	83	402850	48.765	ug/L	100
27) 1,2-Dichloroethane	5.38	62	318693	50.688	ug/L	100
29) Cyclohexane	4.97	56	335825	53.582	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	325050	47.100	ug/L	100
31) Carbon tetrachloride	5.11	117	291208	46.471	ug/L	100
33) Benzene	5.36	78	882253	50.547	ug/L	100
34) Trichloroethene	6.16	95	219384	47.516	ug/L	100
35) Methylcyclohexane	6.39	83	346737	50.754	ug/L	100
37) 1,2-Dichloropropane	6.41	63	235481	49.366	ug/L	100
38) Bromodichloromethane	6.73	83	300288	48.600	ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	360269	51.546	ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	690554	118.458	ug/L	100

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42) Toluene	7.62	91	920734	50.221	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	324382	50.641	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	218143	48.783	ug/L	100
46) Tetrachloroethene	8.21	164	172164	46.643	ug/L	100
48) 2-Hexanone	8.34	43	545535	119.839	ug/L	100
49) Dibromochloromethane	8.46	129	239593	47.820	ug/L	100
50) 1,2-Dibromoethane	8.57	107	229989	48.536	ug/L	100
51) Chlorobenzene	9.10	112	580456	47.965	ug/L	100
52) Ethylbenzene	9.23	91	987343	50.646	ug/L	100
53) m,p-Xylene	9.36	106	370891	50.993	ug/L	100
54) o-xylene	9.76	106	364994	51.669	ug/L	100
55) Styrene	9.77	104	637348	52.734	ug/L	100
56) Isopropylbenzene	10.15	105	946486	51.278	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	374236	51.252	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	300902	51.641	ug/L	100
61) Bromoform	9.94	173	179608	49.085	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	450349	49.022	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	459132	48.286	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	450272	48.952	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	83666	53.264	ug/L	100
67) 1,3,5-Trichlorobenzene	12.87	180	343925	48.633	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	288367	49.645	ug/L	100
69) Naphthalene	13.73	128	915814	56.141	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	314971	52.310	ug/L	100

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

