

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\
 Data File : VU033900.D
 Acq On : 22 Aug 2019 15:13
 Operator : JC/SP
 Sample : VSTD01036
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01036

Quant Time: Aug 23 01:56:44 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	562151	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	567407	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	269932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	51401	10.12	ug/L	0.00
7) Chloroethane-d5	1.67	69	42185	9.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	92585	10.73	ug/L	0.00
21) 2-Butanone-d5	4.16	46	59274	21.17	ug/L	0.01
24) Chloroform-d	4.62	84	84358	10.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	54812	10.63	ug/L	0.00
32) Benzene-d6	5.32	84	163241	10.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	53503	10.25	ug/L	0.00
41) Toluene-d8	7.55	98	144304	9.75	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	22224	9.16	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	31705	16.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	74410	10.29	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	55314	10.19	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55353	10.062	ug/L	100
3) Chloromethane	1.32	50	51943	9.245	ug/L	99
5) Vinyl chloride	1.39	62	61341	9.773	ug/L	97
6) Bromomethane	1.62	94	22387	5.186	ug/L	99
8) Chloroethane	1.69	64	38809	8.996	ug/L	100
9) Trichlorofluoromethane	1.87	101	73821	8.980	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	42060	10.390	ug/L	99
12) 1,1-Dichloroethene	2.27	96	40981	10.506	ug/L	98
13) Acetone	2.30	43	68705	25.138	ug/L	96
14) Carbon disulfide	2.46	76	126689	10.294	ug/L	100
15) Methyl Acetate	2.60	43	54211	11.991	ug/L	99
16) Methylene chloride	2.68	84	48720	10.676	ug/L	98
17) trans-1,2-Dichloroethene	2.96	96	41309	10.101	ug/L	95
18) Methyl tert-butyl Ether	2.98	73	118929	9.912	ug/L	100
19) 1,1-Dichloroethane	3.42	63	85702	10.804	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	44251	9.996	ug/L	98
22) 2-Butanone	4.24	43	73491	23.086	ug/L	96
23) Bromochloromethane	4.52	128	24838	10.390	ug/L	90
25) Chloroform	4.65	83	88200	10.779	ug/L	96
27) 1,2-Dichloroethane	5.38	62	67123	10.778	ug/L	96
29) Cyclohexane	4.97	56	59102	9.500	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	68164	9.951	ug/L	99
31) Carbon tetrachloride	5.11	117	60050	9.654	ug/L	98
33) Benzene	5.37	78	174674	10.082	ug/L	100
34) Trichloroethene	6.16	95	46860	10.225	ug/L	99
35) Methylcyclohexane	6.39	83	61789	9.112	ug/L	94
37) 1,2-Dichloropropane	6.41	63	48618	10.268	ug/L	98
38) Bromodichloromethane	6.74	83	63650	10.378	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	63942	9.217	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	124194	21.463	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	178114	9.788	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	59370	9.338	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	45629	10.280	ug/L	98
46) Tetrachloroethene	8.21	164	35213	9.611	ug/L	97
48) 2-Hexanone	8.35	43	95878	21.219	ug/L	94
49) Dibromochloromethane	8.46	129	48843	9.821	ug/L	100
50) 1,2-Dibromoethane	8.57	107	46808	9.952	ug/L	96
51) Chlorobenzene	9.10	112	121586	10.122	ug/L	100
52) Ethylbenzene	9.23	91	186845	9.656	ug/L	99
53) m,p-Xylene	9.36	106	66372	9.194	ug/L	100
54) o-xylene	9.76	106	66576	9.495	ug/L	100
55) Styrene	9.77	104	109733	9.147	ug/L	98
56) Isopropylbenzene	10.15	105	168018	9.171	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	75232	10.380	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	62016	10.723	ug/L	97
61) Bromoform	9.94	173	35355	10.387	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	85126	9.961	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	88438	9.999	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	86502	10.110	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	15531	10.629	ug/L	97
67) 1,3,5-Trichlorobenzene	12.87	180	62626	9.520	ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	43031	7.964	ug/L	98
69) Naphthalene	13.73	128	110350	7.272	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	49445	8.828	ug/L	100

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

