

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\
 Data File : VU029975.D
 Acq On : 11 Mar 2019 18:46
 Operator : JC/SP
 Sample : VSTD05045
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05045

Quant Time: Mar 12 05:45:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 05:42:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	545781	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	527420	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	277220	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	183916	54.23	ug/L	0.00
7) Chloroethane-d5	1.68	69	147171	52.03	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	325751	51.64	ug/L	0.00
21) 2-Butanone-d5	4.17	46	278255	107.11	ug/L	0.00
24) Chloroform-d	4.65	84	329472	50.78	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	189260	49.99	ug/L	0.00
32) Benzene-d6	5.34	84	696985	52.46	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	211321	52.51	ug/L	0.00
41) Toluene-d8	7.56	98	659877	52.07	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	103456	53.01	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	244325	111.73	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	320715	51.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	267750	49.17	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	168674	42.046	ug/L	100
3) Chloromethane	1.33	50	182326	35.501	ug/L	100
5) Vinyl chloride	1.40	62	201510	48.161	ug/L	100
6) Bromomethane	1.62	94	131112	92.230	ug/L	100
8) Chloroethane	1.70	64	127898	49.560	ug/L	100
9) Trichlorofluoromethane	1.88	101	272334	49.021	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	173299	50.136	ug/L	100
12) 1,1-Dichloroethene	2.28	96	164149	49.204	ug/L	100
13) Acetone	2.32	43	303532	106.979	ug/L	100
14) Carbon disulfide	2.48	76	515978	49.639	ug/L	100
15) Methyl Acetate	2.61	43	202078	52.225	ug/L	100
16) Methylene chloride	2.70	84	196143	49.989	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	183371	51.433	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	542351	58.345	ug/L	100
19) 1,1-Dichloroethane	3.44	63	311335	50.794	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	207481	50.996	ug/L	100
22) 2-Butanone	4.26	43	365446	112.215	ug/L	100
23) Bromochloromethane	4.55	128	108014	52.522	ug/L	100
25) Chloroform	4.67	83	330126	50.027	ug/L	100
27) 1,2-Dichloroethane	5.40	62	236343	50.493	ug/L	100
29) Cyclohexane	4.99	56	288706	53.163	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	280260	52.795	ug/L	100
31) Carbon tetrachloride	5.13	117	250698	53.166	ug/L	100
33) Benzene	5.39	78	739625	52.466	ug/L	100
34) Trichloroethene	6.18	95	193769	50.912	ug/L	100
35) Methylcyclohexane	6.41	83	316708	52.253	ug/L	100
37) 1,2-Dichloropropane	6.43	63	194830	52.741	ug/L	100
38) Bromodichloromethane	6.76	83	245247	53.201	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	307879	54.432	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	536366	108.374	ug/L	100

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42) Toluene	7.63	91	818712	53.113	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	282577	56.009	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	196065	52.358	ug/L	100
46) Tetrachloroethene	8.22	164	170058	51.981	ug/L	100
48) 2-Hexanone	8.36	43	468909	111.615	ug/L	100
49) Dibromochloromethane	8.47	129	220509	53.444	ug/L	100
50) 1,2-Dibromoethane	8.58	107	215535	53.368	ug/L	100
51) Chlorobenzene	9.12	112	535782	51.405	ug/L	100
52) Ethylbenzene	9.25	91	895755	52.502	ug/L	100
53) m,p-Xylene	9.37	106	354127	53.882	ug/L	100
54) o-xylene	9.77	106	344879	53.034	ug/L	100
55) Styrene	9.79	104	596901	55.808	ug/L	100
56) Isopropylbenzene	10.16	105	898912	53.319	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	336389	52.004	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	254908	52.291	ug/L	100
61) Bromoform	9.95	173	172656	53.307	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	435215	51.396	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	440165	50.764	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	442281	51.204	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	73610	53.572	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	339713	52.540	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	312956	54.042	ug/L	100
69) Naphthalene	13.74	128	1050739	57.606	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	328924	53.899	ug/L	100

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

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