

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032460.D
 Acq On : 05 Jun 2019 14:43
 Operator : JC/SP
 Sample : VSTD10057
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10057

Quant Time: Jun 06 02:07:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 06 02:03:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	210153	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	201643	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109094	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	137646	91.18	ug/L	0.00
7) Chloroethane-d5	1.67	69	111540	91.13	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	271642	98.98	ug/L	0.00
21) 2-Butanone-d5	4.17	46	246869	235.51	ug/L	0.00
24) Chloroform-d	4.64	84	259649	96.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	164339	102.87	ug/L	0.00
32) Benzene-d6	5.33	84	519039	98.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	164277	99.91	ug/L	0.00
41) Toluene-d8	7.56	98	499270	101.07	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	84556	110.75	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	178252	248.43	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.42	84	250009	99.61	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	210745	95.77	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	189393	112.844	ug/L	100
3) Chloromethane	1.32	50	183138	104.307	ug/L	99
5) Vinyl chloride	1.40	62	183599	103.809	ug/L	99
6) Bromomethane	1.61	94	109636	97.649	ug/L	99
8) Chloroethane	1.68	64	106619	99.682	ug/L	98
9) Trichlorofluoromethane	1.88	101	248499	110.441	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	128686	97.487	ug/L	98
12) 1,1-Dichloroethene	2.28	96	128165	96.029	ug/L	85
13) Acetone	2.32	43	231175	229.330	ug/L	100
14) Carbon disulfide	2.47	76	385352	95.836	ug/L	99
15) Methyl Acetate	2.61	43	174463	110.610	ug/L	97
16) Methylene chloride	2.69	84	145973	93.768	ug/L	98
17) trans-1,2-Dichloroethene	2.97	96	136941	98.569	ug/L	98
18) Methyl tert-butyl Ether	2.99	73	449375	105.411	ug/L	100
19) 1,1-Dichloroethane	3.44	63	250637	99.007	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	154184	98.871	ug/L	94
22) 2-Butanone	4.25	43	294056	243.785	ug/L	99
23) Bromochloromethane	4.54	128	81050	98.408	ug/L	96
25) Chloroform	4.67	83	258657	98.639	ug/L	97
27) 1,2-Dichloroethane	5.40	62	204949	104.075	ug/L	100
29) Cyclohexane	4.99	56	238220	112.968	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	229810	106.386	ug/L	99
31) Carbon tetrachloride	5.13	117	209129	111.981	ug/L	99
33) Benzene	5.38	78	564155	99.774	ug/L	100
34) Trichloroethene	6.18	95	149979	102.273	ug/L	99
35) Methylcyclohexane	6.41	83	245905	109.198	ug/L	100
37) 1,2-Dichloropropane	6.42	63	148481	100.436	ug/L	100
38) Bromodichloromethane	6.75	83	197721	103.663	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	248582	112.378	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	509330	251.460	ug/L	100

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42) Toluene	7.63	91	623755	101.471	ug/L	98
44) trans-1,3-Dichloropropene	7.87	75	222819	114.289	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	143491	99.289	ug/L	99
46) Tetrachloroethene	8.22	164	126298	105.180	ug/L	98
48) 2-Hexanone	8.36	43	421930	254.719	ug/L	99
49) Dibromochloromethane	8.47	129	173367	109.236	ug/L	98
50) 1,2-Dibromoethane	8.58	107	162522	105.734	ug/L	99
51) Chlorobenzene	9.11	112	402796	101.518	ug/L	99
52) Ethylbenzene	9.24	91	701545	106.394	ug/L	100
53) m,p-Xylene	9.37	106	268581	106.493	ug/L	100
54) o-xylene	9.77	106	262890	103.811	ug/L	100
55) Styrene	9.79	104	452947	106.891	ug/L	99
56) Isopropylbenzene	10.16	105	701804	108.395	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	253781	101.747	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	200244	101.684	ug/L	99
61) Bromoform	9.95	173	139087	100.293	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	334475	100.141	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	334992	98.300	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	336872	96.692	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	62660	107.920	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	269236	108.174	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	244476	124.174	ug/L	100
69) Naphthalene	13.74	128	797745	134.601	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	245912	117.483	ug/L	99

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

