

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100518\
 Data File : VU027442.D
 Acq On : 05 Oct 2018 09:48
 Operator : MD/SY
 Sample : VSTD10054
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10054

Quant Time: Oct 06 04:12:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 06 04:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	236574	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	220276	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	108968	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	186837	100.36	ug/L	0.00
7) Chloroethane-d5	1.68	69	145459	101.42	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	349143	99.97	ug/L	0.00
21) 2-Butanone-d5	4.18	46	314940	209.54	ug/L	0.00
24) Chloroform-d	4.65	84	312226	104.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	206127	98.78	ug/L	0.00
32) Benzene-d6	5.34	84	649850	102.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	222854	103.06	ug/L	0.00
41) Toluene-d8	7.57	98	579929	102.77	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	107101	102.78	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	238479	218.36	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	272822	96.48	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	215634	101.15	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	228238	97.285	ug/L 100
3) Chloromethane	1.33	50	264602	98.152	ug/L 100
5) Vinyl chloride	1.40	62	254866	96.750	ug/L 98
6) Bromomethane	1.62	94	114519	99.478	ug/L 99
8) Chloroethane	1.69	64	146444	92.762	ug/L 100
9) Trichlorofluoromethane	1.88	101	256532	97.288	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	152592	97.476	ug/L 100
12) 1,1-Dichloroethene	2.28	96	149014	97.511	ug/L 92
13) Acetone	2.32	43	231670	187.930	ug/L 99
14) Carbon disulfide	2.48	76	530915	94.579	ug/L 99
15) Methyl Acetate	2.62	43	242928	98.341	ug/L 100
16) Methylene chloride	2.70	84	182472	98.311	ug/L 99
17) trans-1,2-Dichloroethene	2.98	96	163873	96.836	ug/L 98
18) Methyl tert-butyl Ether	3.00	73	560042	99.534	ug/L 100
19) 1,1-Dichloroethane	3.45	63	340995	97.586	ug/L 100
20) cis-1,2-Dichloroethene	4.23	96	184461	98.261	ug/L 100
22) 2-Butanone	4.26	43	352120	199.542	ug/L 100
23) Bromochloromethane	4.55	128	85002	99.292	ug/L 97
25) Chloroform	4.67	83	318977	94.497	ug/L 99
27) 1,2-Dichloroethane	5.40	62	260329	96.029	ug/L 100
29) Cyclohexane	5.00	56	341836	102.311	ug/L 100
30) 1,1,1-Trichloroethane	4.92	97	261092	99.066	ug/L 100
31) Carbon tetrachloride	5.14	117	223666	100.898	ug/L 99
33) Benzene	5.39	78	724239	100.053	ug/L 100
34) Trichloroethene	6.19	95	172833	99.282	ug/L 99
35) Methylcyclohexane	6.42	83	309823	102.432	ug/L 99
37) 1,2-Dichloropropane	6.43	63	208877	99.599	ug/L 100
38) Bromodichloromethane	6.76	83	238057	99.892	ug/L 99
39) cis-1,3-Dichloropropene	7.27	75	318416	103.329	ug/L 99
40) 4-Methyl-2-pentanone	7.46	43	632488	205.952	ug/L 100

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42) Toluene	7.64	91	729850	100.489	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	295044	103.148	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	167311	99.383	ug/L	98
46) Tetrachloroethene	8.23	164	127605	98.630	ug/L	99
48) 2-Hexanone	8.36	43	500162	206.256	ug/L	100
49) Dibromochloromethane	8.48	129	180094	102.593	ug/L	97
50) 1,2-Dibromoethane	8.59	107	177460	99.359	ug/L	98
51) Chlorobenzene	9.12	112	455786	99.263	ug/L	99
52) Ethylbenzene	9.25	91	823870	102.161	ug/L	100
53) m,p-Xylene	9.38	106	303763	102.912	ug/L	99
54) o-xylene	9.78	106	289484	101.804	ug/L	100
55) Styrene	9.79	104	502361	103.167	ug/L	98
56) Isopropylbenzene	10.17	105	725560	97.365	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	277288	94.006	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	223289	94.043	ug/L	100
61) Bromoform	9.96	173	120778	97.547	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	336646	99.265	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	344349	97.341	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	348712	101.006	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	66282	103.566	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	267969	102.269	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	251232	104.262	ug/L	100
69) Naphthalene	13.74	128	825513	111.105	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	251106	102.476	ug/L	100

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

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