

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037609.D
 Acq On : 09 Apr 2020 10:33
 Operator : JC/MD
 Sample : VSTD05033
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05033

Quant Time: Apr 09 10:55:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 09 10:11:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	569582	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	543269	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	271323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	251167	54.30	ug/L	0.00
7) Chloroethane-d5	1.93	69	202137	54.39	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	406595	52.29	ug/L	0.00
21) 2-Butanone-d5	4.66	46	401279	115.42	ug/L	0.00
24) Chloroform-d	5.10	84	369634	47.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	251202	48.54	ug/L	0.00
32) Benzene-d6	5.76	84	803723	51.06	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	267063	50.40	ug/L	0.00
41) Toluene-d8	7.92	98	737576	50.28	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	141696	49.25	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	312251	111.22	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	375049	49.51	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	272954	49.30	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	231588	62.893	ug/L 98
3) Chloromethane	1.54	50	270968	69.373	ug/L 100
5) Vinyl chloride	1.62	62	280765	72.388	ug/L 97
6) Bromomethane	1.87	94	146332	76.497	ug/L 99
8) Chloroethane	1.95	64	167170	73.078	ug/L 99
9) Trichlorofluoromethane	2.16	101	300220	54.558	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	183359	58.419	ug/L 98
12) 1,1-Dichloroethene	2.60	96	184907	60.689	ug/L 93
13) Acetone	2.65	43	247500	123.152	ug/L 95
14) Carbon disulfide	2.82	76	622295	70.708	ug/L 100
15) Methyl Acetate	2.98	43	293000	64.337	ug/L 98
16) Methylene chloride	3.08	84	210891	57.064	ug/L 99
17) trans-1,2-Dichloroethene	3.38	96	198508	60.505	ug/L 95
18) Methyl tert-butyl Ether	3.40	73	695174	60.447	ug/L 99
19) 1,1-Dichloroethane	3.91	63	388702	60.470	ug/L 97
20) cis-1,2-Dichloroethene	4.71	96	217310	57.518	ug/L 91
22) 2-Butanone	4.75	43	430813	131.336	ug/L 96
23) Bromochloromethane	5.01	128	107097	59.058	ug/L 97
25) Chloroform	5.13	83	370856	55.335	ug/L 97
27) 1,2-Dichloroethane	5.83	62	302963	58.574	ug/L 98
29) Cyclohexane	5.42	56	384499	67.533	ug/L 99
30) 1,1,1-Trichloroethane	5.35	97	315579	54.800	ug/L 98
31) Carbon tetrachloride	5.56	117	256327	54.081	ug/L 99
33) Benzene	5.81	78	846888	59.494	ug/L 100
34) Trichloroethene	6.57	95	206639	55.517	ug/L 97
35) Methylcyclohexane	6.79	83	369727	64.289	ug/L 95
37) 1,2-Dichloropropane	6.82	63	233068	57.465	ug/L 99
38) Bromodichloromethane	7.13	83	284821	53.994	ug/L 100
39) cis-1,3-Dichloropropene	7.63	75	384217	60.651	ug/L 99
40) 4-Methyl-2-pentanone	7.82	43	824840	125.327	ug/L 99

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42) Toluene	7.99	91	899217	58.375	ug/L	96
44) trans-1,3-Dichloropropene	8.23	75	367276	58.873	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	207716	56.094	ug/L	99
46) Tetrachloroethene	8.57	164	152205	60.902	ug/L	92
48) 2-Hexanone	8.71	43	649865	126.972	ug/L	99
49) Dibromochloromethane	8.83	129	221051	53.520	ug/L	100
50) 1,2-Dibromoethane	8.94	107	221833	54.471	ug/L #	95
51) Chlorobenzene	9.47	112	558127	58.415	ug/L	98
52) Ethylbenzene	9.59	91	1006333	57.768	ug/L	98
53) m,p-Xylene	9.71	106	384220	59.131	ug/L	93
54) o-xylene	10.12	106	377286	60.243	ug/L	99
55) Styrene	10.13	104	661551	59.657	ug/L	94
56) Isopropylbenzene	10.50	105	986070	58.071	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	365293	54.720	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	313675	60.161	ug/L	100
61) Bromoform	10.31	173	175959	56.730	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	435083	55.536	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	441361	55.819	ug/L	97
65) 1,2-Dichlorobenzene	12.22	146	431788	55.663	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	101733	54.675	ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	320241	58.891	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	307904	59.396	ug/L	96
69) Naphthalene	14.11	128	1106268	50.371	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	305717	58.377	ug/L	98

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

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