

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032120\
 Data File : VU037364.D
 Acq On : 21 Mar 2020 19:20
 Operator : JC/MD
 Sample : VSTD20032
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20032

Quant Time: Mar 23 04:04:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 23 04:00:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	302043	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	312151	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	169368	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	585146	241.55	ug/L	0.00
7) Chloroethane-d5	1.91	69	451781	234.22	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.59	63	939472	217.15	ug/L	0.00
21) 2-Butanone-d5	4.67	46	792330	427.42	ug/L	0.00
24) Chloroform-d	5.10	84	964911	214.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	666782	204.13	ug/L	0.00
32) Benzene-d6	5.76	84	1770862	204.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	560368	199.27	ug/L	0.00
41) Toluene-d8	7.93	98	1757469	212.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	334565	216.63	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	675265	458.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	916172	209.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	731787	207.53	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	668814	213.427	ug/L	100
3) Chloromethane	1.53	50	594858	225.727	ug/L	99
5) Vinyl chloride	1.62	62	594272	212.441	ug/L	100
6) Bromomethane	1.85	94	311092	278.406	ug/L	97
8) Chloroethane	1.93	64	325689	200.822	ug/L	96
9) Trichlorofluoromethane	2.15	101	844587	199.893	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	398762	203.144	ug/L	98
12) 1,1-Dichloroethene	2.60	96	378673	210.763	ug/L	91
13) Acetone	2.65	43	463832	280.688	ug/L	99
14) Carbon disulfide	2.81	76	1224667	233.468	ug/L	100
15) Methyl Acetate	2.98	43	500257	183.834	ug/L	99
16) Methylene chloride	3.07	84	428624	193.714	ug/L	99
17) trans-1,2-Dichloroethene	3.38	96	394249	209.907	ug/L	98
18) Methyl tert-butyl Ether	3.40	73	1403558	197.207	ug/L	99
19) 1,1-Dichloroethane	3.91	63	768014	186.967	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	447373	199.495	ug/L	99
22) 2-Butanone	4.75	43	756992	352.651	ug/L	99
23) Bromochloromethane	5.01	128	234957	204.011	ug/L	98
25) Chloroform	5.12	83	827131	185.266	ug/L	100
27) 1,2-Dichloroethane	5.83	62	721206	183.342	ug/L	98
29) Cyclohexane	5.42	56	714155	195.513	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	783597	189.405	ug/L	100
31) Carbon tetrachloride	5.56	117	701799	192.262	ug/L	99
33) Benzene	5.81	78	1698627	186.170	ug/L	100
34) Trichloroethene	6.57	95	458908	192.177	ug/L	98
35) Methylcyclohexane	6.79	83	733104	202.984	ug/L	99
37) 1,2-Dichloropropane	6.82	63	457262	177.674	ug/L	99
38) Bromodichloromethane	7.13	83	653897	181.463	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	783459	196.893	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	1543516	369.978	ug/L	100

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42) Toluene	8.00	91	1946892	194.678	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	805285	210.040	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	451613	190.496	ug/L	97
46) Tetrachloroethene	8.57	164	369366	206.013	ug/L	98
48) 2-Hexanone	8.71	43	1258199	383.830	ug/L	98
49) Dibromochloromethane	8.84	129	554256	198.210	ug/L	100
50) 1,2-Dibromoethane	8.95	107	501297	195.341	ug/L	99
51) Chlorobenzene	9.47	112	1241205	196.804	ug/L	99
52) Ethylbenzene	9.59	91	2261145	196.780	ug/L	99
53) m,p-Xylene	9.71	106	835017	204.429	ug/L	99
54) o-xylene	10.12	106	820016	202.704	ug/L	98
55) Styrene	10.13	104	1443235	210.341	ug/L	98
56) Isopropylbenzene	10.50	105	2288482	204.332	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	827897	192.488	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	679574	189.862	ug/L	100
61) Bromoform	10.31	173	465449	197.636	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	1055884	198.113	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	1055892	196.903	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	1040046	191.251	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	232090	194.804	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	777870	202.120	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	687895	229.785	ug/L	99
69) Naphthalene	14.11	128	2179613	410.220	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	684284	216.593	ug/L	99

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

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