

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013120\
 Data File : VU036651.D
 Acq On : 31 Jan 2020 18:49
 Operator : JC/MD
 Sample : VSTD05032
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05032

Quant Time: Jan 31 23:48:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 23:45:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	287373	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	270081	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	122196	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	135821	59.38	ug/L	0.00
7) Chloroethane-d5	1.91	69	106836	55.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	211675	57.94	ug/L	0.00
21) 2-Butanone-d5	4.67	46	150637	114.35	ug/L	0.00
24) Chloroform-d	5.11	84	200496	55.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	127822	56.28	ug/L	0.00
32) Benzene-d6	5.77	84	420831	53.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	138359	56.32	ug/L	0.00
41) Toluene-d8	7.93	98	389966	52.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	67283	57.54	ug/L	0.00
47) 2-Hexanone-d5	8.67	63	152343	129.74	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	194502	54.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	130925	49.57	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	121580	54.005	ug/L	100
3) Chloromethane	1.54	50	143928	59.016	ug/L	100
5) Vinyl chloride	1.62	62	149359	57.689	ug/L	100
6) Bromomethane	1.85	94	80673	53.994	ug/L	100
8) Chloroethane	1.93	64	85336	55.344	ug/L	100
9) Trichlorofluoromethane	2.15	101	163928	54.588	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	95679	52.083	ug/L	100
12) 1,1-Dichloroethene	2.60	96	96268	52.932	ug/L	100
13) Acetone	2.66	43	136816	108.124	ug/L	100
14) Carbon disulfide	2.82	76	287034	52.275	ug/L	100
15) Methyl Acetate	2.98	43	128840	63.147	ug/L	100
16) Methylene chloride	3.08	84	117255	53.238	ug/L	100
17) trans-1,2-Dichloroethene	3.39	96	101328	52.217	ug/L	100
18) Methyl tert-butyl Ether	3.41	73	362959	57.248	ug/L	100
19) 1,1-Dichloroethane	3.91	63	203536	57.434	ug/L	100
20) cis-1,2-Dichloroethene	4.71	96	118123	53.520	ug/L	100
22) 2-Butanone	4.75	43	191194	122.916	ug/L	100
23) Bromochloromethane	5.02	128	54207	48.340	ug/L	100
25) Chloroform	5.13	83	195945	54.578	ug/L	100
27) 1,2-Dichloroethane	5.84	62	160522	58.778	ug/L	100
29) Cyclohexane	5.43	56	195312	59.621	ug/L	100
30) 1,1,1-Trichloroethane	5.36	97	160410	54.964	ug/L	100
31) Carbon tetrachloride	5.56	117	130622	52.767	ug/L	100
33) Benzene	5.82	78	459938	55.358	ug/L	100
34) Trichloroethene	6.58	95	110702	52.276	ug/L	100
35) Methylcyclohexane	6.80	83	192694	54.084	ug/L	100
37) 1,2-Dichloropropane	6.83	63	124311	58.301	ug/L	100
38) Bromodichloromethane	7.14	83	149693	56.436	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	197295	57.711	ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	367414	129.739	ug/L	100

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42) Toluene	8.00	91	490335	54.581	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	172019	57.374	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	110449	52.896	ug/L	100
46) Tetrachloroethene	8.58	164	78879	47.187	ug/L	100
48) 2-Hexanone	8.72	43	286696	134.732	ug/L	100
49) Dibromochloromethane	8.84	129	111386	51.118	ug/L	100
50) 1,2-Dibromoethane	8.95	107	117743	52.692	ug/L	100
51) Chlorobenzene	9.47	112	287745	50.041	ug/L	100
52) Ethylbenzene	9.60	91	537334	54.475	ug/L	100
53) m,p-Xylene	9.72	106	198100	52.087	ug/L	100
54) o-xylene	10.12	106	199763	52.658	ug/L	100
55) Styrene	10.14	104	340933	55.012	ug/L	100
56) Isopropylbenzene	10.51	105	513177	53.022	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	200382	55.221	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	160772	56.179	ug/L	100
61) Bromoform	10.32	173	79851	49.227	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	212574	50.847	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	210494	51.081	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	215495	50.876	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	43514	61.691	ug/L	100
67) 1,3,5-Trichlorobenzene	13.23	180	145534	51.035	ug/L	100
68) 1,2,4-trichlorobenzene	13.85	180	121907	58.650	ug/L	100
69) Naphthalene	14.10	128	461236	71.356	ug/L	100
70) 1,2,3-Trichlorobenzene	14.34	180	125039	58.238	ug/L	100

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

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