

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037610.D
 Acq On : 09 Apr 2020 10:56
 Operator : JC/MD
 Sample : VSTD10034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10034

Quant Time: Apr 09 11:32:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 09 10:58:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	575575	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	549480	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	274002	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	498400	106.62	ug/L	0.00
7) Chloroethane-d5	1.92	69	399882	106.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	799496	101.75	ug/L	0.00
21) 2-Butanone-d5	4.66	46	798924	227.39	ug/L	0.00
24) Chloroform-d	5.10	84	751344	95.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	499121	95.45	ug/L	0.00
32) Benzene-d6	5.76	84	1607442	100.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	532171	99.30	ug/L	0.00
41) Toluene-d8	7.92	98	1478526	99.65	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	283036	97.27	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	613564	216.08	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	755181	98.57	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	564325	100.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	420087	112.896	ug/L 98
3) Chloromethane	1.54	50	514139	130.259	ug/L 99
5) Vinyl chloride	1.62	62	526257	134.269	ug/L 100
6) Bromomethane	1.86	94	277732	143.676	ug/L 98
8) Chloroethane	1.94	64	312196	135.056	ug/L 100
9) Trichlorofluoromethane	2.15	101	557693	100.292	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	331372	104.477	ug/L 98
12) 1,1-Dichloroethene	2.60	96	345318	112.158	ug/L 88
13) Acetone	2.66	43	449849	221.506	ug/L 100
14) Carbon disulfide	2.82	76	1170344	131.595	ug/L 99
15) Methyl Acetate	2.98	43	547968	119.070	ug/L 99
16) Methylene chloride	3.08	84	400098	107.134	ug/L 99
17) trans-1,2-Dichloroethene	3.38	96	369357	111.408	ug/L 98
18) Methyl tert-butyl Ether	3.40	73	1291644	111.142	ug/L 100
19) 1,1-Dichloroethane	3.91	63	727697	112.029	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	406969	106.595	ug/L 98
22) 2-Butanone	4.74	43	801998	241.949	ug/L 100
23) Bromochloromethane	5.02	128	200924	109.645	ug/L 96
25) Chloroform	5.13	83	686277	101.333	ug/L 100
27) 1,2-Dichloroethane	5.83	62	566356	108.358	ug/L 100
29) Cyclohexane	5.42	56	710489	123.379	ug/L 99
30) 1,1,1-Trichloroethane	5.35	97	585835	100.580	ug/L 100
31) Carbon tetrachloride	5.56	117	480906	100.317	ug/L 99
33) Benzene	5.81	78	1590871	110.496	ug/L 100
34) Trichloroethene	6.57	95	387099	102.824	ug/L 99
35) Methylcyclohexane	6.79	83	682254	117.291	ug/L 99
37) 1,2-Dichloropropane	6.82	63	435871	106.253	ug/L 100
38) Bromodichloromethane	7.13	83	536800	100.611	ug/L 100
39) cis-1,3-Dichloropropene	7.63	75	723466	112.913	ug/L 100
40) 4-Methyl-2-pentanone	7.82	43	1555771	233.713	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	1677303	107.655	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	696077	110.318	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	388384	103.697	ug/L	99
46) Tetrachloroethene	8.57	164	289986	114.722	ug/L	96
48) 2-Hexanone	8.71	43	1213305	234.378	ug/L	99
49) Dibromochloromethane	8.83	129	422888	101.230	ug/L	97
50) 1,2-Dibromoethane	8.94	107	423656	102.853	ug/L	98
51) Chlorobenzene	9.47	112	1052944	108.957	ug/L	100
52) Ethylbenzene	9.59	91	1881911	106.809	ug/L	100
53) m,p-Xylene	9.71	106	718594	109.340	ug/L	100
54) o-xylene	10.12	106	711087	112.259	ug/L	99
55) Styrene	10.13	104	1247052	111.184	ug/L	100
56) Isopropylbenzene	10.50	105	1857294	108.143	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	703369	104.173	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	593309	112.506	ug/L	99
61) Bromoform	10.31	173	336722	107.500	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	835994	105.666	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	835351	104.614	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	820687	104.762	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	193720	103.094	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	621285	113.135	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	598495	114.323	ug/L	99
69) Naphthalene	14.11	128	2130210	96.046	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	590338	111.624	ug/L	100

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

