

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037946.D
 Acq On : 30 Apr 2020 11:02
 Operator : JC/MD
 Sample : VSTD10031
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10031

Quant Time: Apr 30 11:24:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 10:59:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	714522	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	708463	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	351776	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	591147	94.69	ug/L	0.00
7) Chloroethane-d5	1.92	69	482564	99.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	977000	96.68	ug/L	0.00
21) 2-Butanone-d5	4.66	46	916242	185.22	ug/L	0.00
24) Chloroform-d	5.10	84	932192	98.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	621307	94.36	ug/L	0.00
32) Benzene-d6	5.76	84	1951938	97.43	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	645675	96.35	ug/L	0.00
41) Toluene-d8	7.92	98	1803177	97.92	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	312780	90.69	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	562658	154.25	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	946553	101.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	663366	96.91	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	531280	90.125	ug/L 100
3) Chloromethane	1.53	50	647899	100.842	ug/L 99
5) Vinyl chloride	1.62	62	686142	96.792	ug/L 99
6) Bromomethane	1.85	94	331910	113.154	ug/L 99
8) Chloroethane	1.94	64	404405	101.535	ug/L 99
9) Trichlorofluoromethane	2.15	101	705749	93.638	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	434975	99.032	ug/L 99
12) 1,1-Dichloroethene	2.60	96	446396	102.905	ug/L 94
13) Acetone	2.65	43	580004	196.522	ug/L 99
14) Carbon disulfide	2.82	76	1493333	96.257	ug/L 100
15) Methyl Acetate	2.97	43	651478	91.328	ug/L 100
16) Methylene chloride	3.07	84	526190	102.082	ug/L 97
17) trans-1,2-Dichloroethene	3.39	96	483159	99.613	ug/L 97
18) Methyl tert-butyl Ether	3.40	73	1633956	97.797	ug/L 100
19) 1,1-Dichloroethane	3.91	63	953792	97.553	ug/L 99
20) cis-1,2-Dichloroethene	4.70	96	534692	100.683	ug/L 96
22) 2-Butanone	4.74	43	962883	186.319	ug/L 100
23) Bromochloromethane	5.01	128	256256	99.860	ug/L 97
25) Chloroform	5.12	83	908389	99.295	ug/L 98
27) 1,2-Dichloroethane	5.83	62	764145	97.527	ug/L 99
29) Cyclohexane	5.42	56	887797	89.574	ug/L 99
30) 1,1,1-Trichloroethane	5.35	97	754510	95.363	ug/L 99
31) Carbon tetrachloride	5.56	117	603966	94.428	ug/L 98
33) Benzene	5.81	78	2095416	97.447	ug/L 100
34) Trichloroethene	6.57	95	503743	95.505	ug/L 99
35) Methylcyclohexane	6.79	83	865717	93.734	ug/L 99
37) 1,2-Dichloropropane	6.82	63	562563	95.787	ug/L 100
38) Bromodichloromethane	7.13	83	691626	97.471	ug/L 98
39) cis-1,3-Dichloropropene	7.63	75	911932	96.981	ug/L 98
40) 4-Methyl-2-pentanone	7.82	43	1844227	180.563	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	2204259	97.771	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	848668	93.501	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	510357	99.613	ug/L	100
46) Tetrachloroethene	8.57	164	347756	90.203	ug/L	99
48) 2-Hexanone	8.71	43	1525283	188.873	ug/L	99
49) Dibromochloromethane	8.83	129	517053	96.648	ug/L	99
50) 1,2-Dibromoethane	8.94	107	547782	98.703	ug/L	97
51) Chlorobenzene	9.47	112	1367495	97.516	ug/L	99
52) Ethylbenzene	9.59	91	2475531	98.051	ug/L	100
53) m,p-Xylene	9.71	106	942343	99.133	ug/L	97
54) o-xylene	10.12	106	928273	99.849	ug/L	100
55) Styrene	10.13	104	1620833	101.378	ug/L	100
56) Isopropylbenzene	10.50	105	2400411	97.561	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	934419	102.549	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	774426	98.160	ug/L	100
61) Bromoform	10.31	173	364429	92.052	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	1046667	95.030	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	1046772	94.162	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	1052237	98.314	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	224486	94.114	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	730561	91.271	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	702804	90.279	ug/L	99
69) Naphthalene	14.11	128	2777063	99.482	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	707723	92.066	ug/L	100

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

