

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037947.D
 Acq On : 30 Apr 2020 11:25
 Operator : JC/MD
 Sample : VSTD20032
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20032

Quant Time: Apr 30 11:43:14 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	722886	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	732226	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	371210	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	1193075	188.89	ug/L	0.00
7) Chloroethane-d5	1.91	69	958658	195.83	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.59	63	1996907	195.33	ug/L	0.00
21) 2-Butanone-d5	4.66	46	1946751	388.99	ug/L	0.00
24) Chloroform-d	5.10	84	1909817	198.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	1263869	189.73	ug/L	0.00
32) Benzene-d6	5.76	84	3967628	191.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	1314736	189.83	ug/L	0.00
41) Toluene-d8	7.92	98	3671821	192.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	677533	190.07	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	1301816	345.30	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	2105959	218.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	1424986	197.28	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	1104101	185.130	ug/L	99
3) Chloromethane	1.53	50	1349238	207.572	ug/L	100
5) Vinyl chloride	1.62	62	1426743	198.937	ug/L	98
6) Bromomethane	1.85	94	729583	245.850	ug/L	99
8) Chloroethane	1.93	64	833709	206.899	ug/L	99
9) Trichlorofluoromethane	2.15	101	1462014	191.733	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	906364	203.968	ug/L	99
12) 1,1-Dichloroethene	2.60	96	932944	212.577	ug/L	94
13) Acetone	2.65	43	1207804	404.503	ug/L	99
14) Carbon disulfide	2.81	76	3129093	199.361	ug/L	99
15) Methyl Acetate	2.97	43	1357383	188.085	ug/L	100
16) Methylene chloride	3.07	84	1081816	207.445	ug/L	98
17) trans-1,2-Dichloroethene	3.38	96	1000959	203.981	ug/L	99
18) Methyl tert-butyl Ether	3.40	73	3433352	203.119	ug/L	100
19) 1,1-Dichloroethane	3.91	63	1985786	200.754	ug/L	100
20) cis-1,2-Dichloroethene	4.70	96	1120005	208.458	ug/L	98
22) 2-Butanone	4.74	43	2039833	390.143	ug/L	100
23) Bromochloromethane	5.01	128	530557	204.359	ug/L	98
25) Chloroform	5.12	83	1871364	202.190	ug/L	100
27) 1,2-Dichloroethane	5.83	62	1552978	195.911	ug/L	100
29) Cyclohexane	5.42	56	1874848	183.023	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	1574700	192.568	ug/L	99
31) Carbon tetrachloride	5.56	117	1258430	190.367	ug/L	100
33) Benzene	5.81	78	4299707	193.468	ug/L	100
34) Trichloroethene	6.57	95	1056242	193.755	ug/L	99
35) Methylcyclohexane	6.79	83	1869066	195.802	ug/L	98
37) 1,2-Dichloropropane	6.82	63	1179625	194.336	ug/L	100
38) Bromodichloromethane	7.13	83	1469993	200.443	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	1951666	200.817	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	4090323	387.476	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	4620807	198.306	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	1844263	196.595	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	1078631	203.698	ug/L	99
46) Tetrachloroethene	8.57	164	740591	185.865	ug/L	99
48) 2-Hexanone	8.71	43	3371775	403.972	ug/L	98
49) Dibromochloromethane	8.83	129	1121456	202.821	ug/L	99
50) 1,2-Dibromoethane	8.94	107	1178988	205.543	ug/L	98
51) Chlorobenzene	9.47	112	2923379	201.702	ug/L	99
52) Ethylbenzene	9.59	91	5322471	203.972	ug/L	100
53) m,p-Xylene	9.71	106	2027211	206.339	ug/L	97
54) o-xylene	10.12	106	2022599	210.500	ug/L	100
55) Styrene	10.13	104	3548538	214.747	ug/L	100
56) Isopropylbenzene	10.50	105	5229414	205.644	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	2074060	220.233	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	1721312	211.098	ug/L	100
61) Bromoform	10.31	173	848536	203.113	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	2342472	201.545	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	2348330	200.184	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	2310948	204.616	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	503532	200.049	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	1642639	194.476	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	1572090	191.372	ug/L	99
69) Naphthalene	14.11	128	5977935	202.934	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	1519632	187.337	ug/L	100

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

