

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042120\
 Data File : VU037822.D
 Acq On : 21 Apr 2020 13:24
 Operator : JC/MD
 Sample : VSTD10035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10035

Quant Time: Apr 21 13:58:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 21 13:31:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	504547	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	495842	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	252976	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	446353	101.20	ug/L	0.00
7) Chloroethane-d5	1.93	69	362178	101.61	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	743746	103.47	ug/L	0.00
21) 2-Butanone-d5	4.66	46	747704	209.23	ug/L	0.00
24) Chloroform-d	5.10	84	731168	110.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	497030	110.38	ug/L	0.00
32) Benzene-d6	5.76	84	1519436	104.16	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	509288	104.88	ug/L	0.00
41) Toluene-d8	7.92	98	1398793	103.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	258223	98.37	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	552476	198.73	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	719144	104.85	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	515730	97.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	410450	103.849 ug/L	99
3) Chloromethane	1.54	50	433479	93.777 ug/L	99
5) Vinyl chloride	1.62	62	491010	101.505 ug/L	98
6) Bromomethane	1.86	94	203386	79.888 ug/L	100
8) Chloroethane	1.95	64	281679	98.088 ug/L	100
9) Trichlorofluoromethane	2.16	101	534929	102.400 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	311318	97.883 ug/L	99
12) 1,1-Dichloroethene	2.60	96	308933	95.781 ug/L	96
13) Acetone	2.66	43	434771	205.996 ug/L	98
14) Carbon disulfide	2.82	76	1028418	93.077 ug/L	99
15) Methyl Acetate	2.98	43	510313	101.675 ug/L	100
16) Methylene chloride	3.08	84	362643	98.415 ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	339847	98.216 ug/L	96
18) Methyl tert-butyl Ether	3.40	73	1221121	102.231 ug/L	100
19) 1,1-Dichloroethane	3.91	63	702590	103.571 ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	379917	99.857 ug/L	100
22) 2-Butanone	4.75	43	755039	204.389 ug/L	100
23) Bromochloromethane	5.02	128	184384	99.440 ug/L	98
25) Chloroform	5.13	83	658333	103.139 ug/L	97
27) 1,2-Dichloroethane	5.83	62	568515	107.686 ug/L	99
29) Cyclohexane	5.42	56	689111	101.063 ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	567567	100.987 ug/L	99
31) Carbon tetrachloride	5.56	117	460623	100.961 ug/L	99
33) Benzene	5.81	78	1505634	99.780 ug/L	100
34) Trichloroethene	6.57	95	369448	99.459 ug/L	99
35) Methylcyclohexane	6.79	83	644092	97.724 ug/L	99
37) 1,2-Dichloropropane	6.82	63	427996	103.225 ug/L	100
38) Bromodichloromethane	7.13	83	519499	101.780 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	688234	101.413 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	1476544	200.516 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	1597507	99.661	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	655996	99.721	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	367005	99.203	ug/L	99
46) Tetrachloroethene	8.57	164	267977	96.961	ug/L	99
48) 2-Hexanone	8.71	43	1145123	196.943	ug/L	100
49) Dibromochloromethane	8.83	129	391840	98.771	ug/L	99
50) 1,2-Dibromoethane	8.94	107	394859	98.646	ug/L	99
51) Chlorobenzene	9.47	112	992457	99.142	ug/L	98
52) Ethylbenzene	9.59	91	1814209	100.948	ug/L	99
53) m,p-Xylene	9.71	106	683902	100.221	ug/L	99
54) o-xylene	10.12	106	673634	99.534	ug/L	100
55) Styrene	10.13	104	1178599	100.438	ug/L	100
56) Isopropylbenzene	10.50	105	1783299	101.197	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	672224	101.760	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	569304	101.072	ug/L	100
61) Bromoform	10.31	173	300743	93.804	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	786352	96.570	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	795614	97.384	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	777386	96.872	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	177417	95.439	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	580962	97.577	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	554575	96.571	ug/L	99
69) Naphthalene	14.11	128	1947544	91.913	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	549672	96.067	ug/L	99

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

