

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042320\
 Data File : VU037860.D
 Acq On : 23 Apr 2020 13:01
 Operator : JC/MD
 Sample : VSTD05035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05035

Quant Time: Apr 23 13:33:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 23 12:05:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	532446	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	515829	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	255248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	247774	52.06	ug/L	0.00
7) Chloroethane-d5	1.93	69	189376	48.76	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	399928	49.70	ug/L	0.00
21) 2-Butanone-d5	4.66	46	374825	96.48	ug/L	0.00
24) Chloroform-d	5.10	84	366060	47.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	253671	47.92	ug/L	0.00
32) Benzene-d6	5.76	84	771379	48.24	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	257140	47.82	ug/L	0.00
41) Toluene-d8	7.92	98	703729	48.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	132312	48.65	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	276720	98.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	343794	46.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	251075	46.64	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	233087	49.653	ug/L 98
3) Chloromethane	1.54	50	242448	51.774	ug/L 100
5) Vinyl chloride	1.62	62	279788	51.023	ug/L 99
6) Bromomethane	1.87	94	115863	54.685	ug/L 97
8) Chloroethane	1.95	64	158464	49.210	ug/L 99
9) Trichlorofluoromethane	2.16	101	295199	48.677	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	171832	48.662	ug/L 99
12) 1,1-Dichloroethene	2.60	96	171961	49.393	ug/L 95
13) Acetone	2.65	43	229671	88.879	ug/L 99
14) Carbon disulfide	2.82	76	590165	50.824	ug/L 99
15) Methyl Acetate	2.98	43	279400	48.522	ug/L 99
16) Methylene chloride	3.08	84	202586	48.468	ug/L 98
17) trans-1,2-Dichloroethene	3.39	96	187312	48.752	ug/L 98
18) Methyl tert-butyl Ether	3.40	73	656398	47.991	ug/L 100
19) 1,1-Dichloroethane	3.91	63	387300	48.547	ug/L 100
20) cis-1,2-Dichloroethene	4.71	96	209168	48.709	ug/L 98
22) 2-Butanone	4.74	43	400364	94.284	ug/L 98
23) Bromochloromethane	5.01	128	101622	49.276	ug/L 98
25) Chloroform	5.13	83	361139	48.346	ug/L 97
27) 1,2-Dichloroethane	5.83	62	305256	47.403	ug/L 99
29) Cyclohexane	5.42	56	389837	50.296	ug/L 99
30) 1,1,1-Trichloroethane	5.35	97	309978	49.037	ug/L 100
31) Carbon tetrachloride	5.56	117	250523	49.263	ug/L 99
33) Benzene	5.81	78	839498	49.654	ug/L 100
34) Trichloroethene	6.57	95	204681	49.039	ug/L 99
35) Methylcyclohexane	6.79	83	361493	49.607	ug/L 99
37) 1,2-Dichloropropane	6.82	63	232396	48.663	ug/L 99
38) Bromodichloromethane	7.13	83	278669	48.488	ug/L 98
39) cis-1,3-Dichloropropene	7.63	75	361426	48.048	ug/L 99
40) 4-Methyl-2-pentanone	7.82	43	785293	96.393	ug/L 99

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42) Toluene	7.99	91	874434	48.839	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	356950	49.370	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	198869	48.192	ug/L	99
46) Tetrachloroethene	8.57	164	147382	49.156	ug/L	98
48) 2-Hexanone	8.71	43	610758	94.502	ug/L	99
49) Dibromochloromethane	8.83	129	207487	48.297	ug/L	100
50) 1,2-Dibromoethane	8.94	107	213834	48.276	ug/L	100
51) Chlorobenzene	9.47	112	536801	48.010	ug/L	99
52) Ethylbenzene	9.59	91	979921	48.801	ug/L	99
53) m,p-Xylene	9.71	106	365559	48.007	ug/L	97
54) o-xylene	10.12	106	358159	48.403	ug/L	98
55) Styrene	10.13	104	618182	48.204	ug/L	99
56) Isopropylbenzene	10.50	105	940203	47.820	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	343888	46.769	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	297194	46.694	ug/L	99
61) Bromoform	10.31	173	153451	48.005	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	412426	47.770	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	419180	48.087	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	405543	47.614	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	89087	47.859	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	297235	47.424	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	281010	47.133	ug/L	99
69) Naphthalene	14.11	128	983288	46.822	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	276797	46.654	ug/L	100

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

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