

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038671.D
 Acq On : 08 Jun 2020 15:54
 Operator : SY/MD
 Sample : VSTD00536
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00536

Quant Time: Jun 08 16:58:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 16:57:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	586735	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	570193	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	278444	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	15987	4.34	ug/L	0.00
7) Chloroethane-d5	1.93	69	13822	4.86	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	36085	4.79	ug/L	0.00
21) 2-Butanone-d5	4.67	46	30913	8.83	ug/L	0.00
24) Chloroform-d	5.10	84	35774	4.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	25676	5.18	ug/L	0.00
32) Benzene-d6	5.76	84	68243	4.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	20871	4.54	ug/L	0.00
41) Toluene-d8	7.92	98	60725	4.64	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	9819	4.29	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	20247	8.37	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	29117	4.28	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	25193	4.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	24293	5.501 ug/L	99
3) Chloromethane	1.54	50	24370	5.987 ug/L	94
5) Vinyl chloride	1.62	62	24251	5.393 ug/L	93
6) Bromomethane	1.88	94	11391	6.192 ug/L	89
8) Chloroethane	1.95	64	14074	5.122 ug/L	98
9) Trichlorofluoromethane	2.16	101	32758	5.436 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	19817	5.500 ug/L	98
12) 1,1-Dichloroethene	2.61	96	18660	5.245 ug/L	95
13) Acetone	2.66	43	28908	9.942 ug/L	97
14) Carbon disulfide	2.82	76	60582	5.222 ug/L	99
15) Methyl Acetate	2.98	43	26891	5.159 ug/L	97
16) Methylene chloride	3.08	84	22460	5.495 ug/L	96
17) trans-1,2-Dichloroethene	3.38	96	20523	5.371 ug/L	93
18) Methyl tert-butyl Ether	3.40	73	61993	5.059 ug/L	99
19) 1,1-Dichloroethane	3.91	63	38878	5.373 ug/L	96
20) cis-1,2-Dichloroethene	4.71	96	22711	5.426 ug/L	99
22) 2-Butanone	4.75	43	38588	9.465 ug/L #	70
23) Bromochloromethane	5.01	128	11180	5.395 ug/L	93
25) Chloroform	5.13	83	39001	5.241 ug/L	89
27) 1,2-Dichloroethane	5.83	62	32000	5.311 ug/L	97
29) Cyclohexane	5.43	56	32519	4.974 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	35382	5.706 ug/L	97
31) Carbon tetrachloride	5.56	117	28989	5.610 ug/L	94
33) Benzene	5.81	78	85791	5.357 ug/L	100
34) Trichloroethene	6.57	95	22151	5.406 ug/L	97
35) Methylcyclohexane	6.79	83	32342	5.028 ug/L	97
37) 1,2-Dichloropropane	6.82	63	21920	5.278 ug/L	98
38) Bromodichloromethane	7.13	83	27908	5.243 ug/L	96
39) cis-1,3-Dichloropropene	7.63	75	31400	4.751 ug/L	94
40) 4-Methyl-2-pentanone	7.82	43	64140	9.711 ug/L	99

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42) Toluene	8.00	91	86924	5.170	ug/L	96
44) trans-1,3-Dichloropropene	8.23	75	29802	4.817	ug/L	96
45) 1,1,2-Trichloroethane	8.42	97	20816	5.281	ug/L	96
46) Tetrachloroethene	8.57	164	15501	5.175	ug/L	95
48) 2-Hexanone	8.71	43	51742	9.278	ug/L	99
49) Dibromochloromethane	8.83	129	19990	5.009	ug/L	98
50) 1,2-Dibromoethane	8.95	107	21791	5.144	ug/L	96
51) Chlorobenzene	9.47	112	56765	5.253	ug/L	96
52) Ethylbenzene	9.59	91	91978	4.883	ug/L	100
53) m,p-Xylene	9.71	106	35326	4.904	ug/L	100
54) o-xylene	10.12	106	33356	4.762	ug/L	100
55) Styrene	10.13	104	55864	4.641	ug/L	99
56) Isopropylbenzene	10.50	105	86816	4.743	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	34894	5.174	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	29638	5.103	ug/L	98
61) Bromoform	10.31	173	13677	4.889	ug/L	94
62) 1,3-Dichlorobenzene	11.76	146	43143	5.300	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	43930	5.309	ug/L	95
65) 1,2-Dichlorobenzene	12.23	146	42700	5.290	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	7992	4.836	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	30424	5.252	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	27182	4.892	ug/L	96
69) Naphthalene	14.12	128	82911	4.168	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	26686	4.808	ug/L	96

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

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