

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061720\
 Data File : VU038939.D
 Acq On : 17 Jun 2020 12:14
 Operator : SY/MD
 Sample : VSTD01001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

Quant Time: Jun 17 12:44:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 17 12:20:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	303083	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	294397	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	157927	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	196077	12.99	ug/L	0.00
7) Chloroethane-d5	1.93	69	167231	11.28	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	396213	10.82	ug/L	0.00
20) 2-Butanone-d5	4.68	46	646749	118.33	ug/L	0.00
24) Chloroform-d	5.10	84	389038	10.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	217844	10.36	ug/L	0.00
32) Benzene-d6	5.76	84	746890	11.40	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	226845	11.10	ug/L	0.00
41) Toluene-d8	7.92	98	686041	11.30	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	106697	11.81	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	606046	136.16	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	213316	11.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	272148	10.09	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	261299	8.858 ug/L	100
3) Chloromethane	1.53	50	269356	10.946 ug/L	99
5) Vinyl chloride	1.62	62	259573	9.999 ug/L	98
6) Bromomethane	1.87	94	155637	9.762 ug/L	97
8) Chloroethane	1.95	64	154648	8.013 ug/L	99
9) Trichlorofluoromethane	2.16	101	397364	8.812 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	202341	9.047 ug/L	98
12) 1,1-Dichloroethene	2.61	96	203427	9.498 ug/L	97
13) Acetone	2.69	43	420641	94.044 ug/L	98
14) Carbon disulfide	2.82	76	674672	9.488 ug/L	99
15) Methyl Acetate	2.99	43	101001	9.257 ug/L	97
16) Methylene chloride	3.08	84	218046	8.854 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	547652	10.021 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	211409	9.318 ug/L	99
19) 1,1-Dichloroethane	3.91	63	383951	9.230 ug/L	98
21) 2-Butanone	4.76	43	697276	95.898 ug/L	95
22) cis-1,2-Dichloroethene	4.71	96	223294	9.410 ug/L	98
23) Bromochloromethane	5.01	128	100304	8.928 ug/L	97
25) Chloroform	5.12	83	388574	8.963 ug/L	99
27) 1,2-Dichloroethane	5.83	62	281003	9.131 ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	350754	9.618 ug/L	98
30) Cyclohexane	5.42	56	341800	10.405 ug/L	99
31) Carbon tetrachloride	5.56	117	304496	9.811 ug/L	100
33) Benzene	5.81	78	856161	9.792 ug/L	100
34) Trichloroethene	6.57	95	220357	9.651 ug/L	99
35) Methylcyclohexane	6.79	83	357237	10.502 ug/L	99
37) 1,2-Dichloropropane	6.82	63	221078	9.798 ug/L	98
38) Bromodichloromethane	7.13	83	287000	9.673 ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	346896	10.750 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	1618358	105.150 ug/L	99

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42) Toluene	7.99	91	917795	9.959	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	317291	10.750	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	166643	9.662	ug/L	99
47) Tetrachloroethene	8.57	164	166205	9.498	ug/L	98
48) 2-Hexanone	8.71	43	1227506	100.605	ug/L	99
49) Dibromochloromethane	8.83	129	203036	10.146	ug/L	97
50) 1,2-Dibromoethane	8.94	107	167060	9.993	ug/L	99
51) Chlorobenzene	9.47	112	574353	9.577	ug/L	99
52) Ethylbenzene	9.59	91	1011528	9.864	ug/L	100
53) m,p-Xylene	9.71	106	401951	10.431	ug/L	96
54) o-Xylene	10.11	106	384408	10.369	ug/L	100
55) Styrene	10.13	104	675737	10.493	ug/L	99
56) Isopropylbenzene	10.50	105	1012168	10.513	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	225686	10.206	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	169844	9.768	ug/L	99
61) Bromoform	10.31	173	121509	10.094	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	483460	9.710	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	487877	9.673	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	462777	9.353	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	44081	10.062	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	370600	9.879	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	346563	11.029	ug/L	100
69) Naphthalene	14.11	128	707501	11.975	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	328199	11.163	ug/L	100

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

