

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039005.D
 Acq On : 22 Jun 2020 14:39
 Operator : SY/MD
 Sample : VSTD02004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

Quant Time: Jun 22 15:07:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 22 14:58:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	287325	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	290292	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	154673	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	462207	17.40	ug/L	0.00
7) Chloroethane-d5	1.92	69	310612	15.82	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	896103	18.74	ug/L	0.00
20) 2-Butanone-d5	4.67	46	1582391	197.86	ug/L	0.00
24) Chloroform-d	5.10	84	820244	17.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	490132	18.18	ug/L	0.00
32) Benzene-d6	5.76	84	1719313	19.26	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	550509	19.27	ug/L	0.00
41) Toluene-d8	7.92	98	1502811	17.31	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	254129	18.78	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	1345910	227.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	506891	19.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	604522	19.41	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	546276	18.586	ug/L 99
3) Chloromethane	1.53	50	355521	12.218	ug/L 100
5) Vinyl chloride	1.61	62	577020	19.010	ug/L 99
6) Bromomethane	1.87	94	152283	13.068	ug/L 97
8) Chloroethane	1.94	64	292426	16.933	ug/L 97
9) Trichlorofluoromethane	2.15	101	727804	18.418	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	431622	18.571	ug/L 98
12) 1,1-Dichloroethene	2.60	96	417123	19.595	ug/L 89
13) Acetone	2.67	43	917375	186.350	ug/L 100
14) Carbon disulfide	2.82	76	1399059	19.289	ug/L 100
15) Methyl Acetate	2.98	43	239830	19.614	ug/L 99
16) Methylene chloride	3.07	84	462996	17.684	ug/L 98
17) Methyl tert-butyl Ether	3.40	73	1172992	20.793	ug/L 99
18) trans-1,2-Dichloroethene	3.38	96	441111	19.616	ug/L 99
19) 1,1-Dichloroethane	3.91	63	861041	19.831	ug/L 99
21) 2-Butanone	4.75	43	1625026	204.626	ug/L 100
22) cis-1,2-Dichloroethene	4.70	96	484679	20.331	ug/L 94
23) Bromochloromethane	5.01	128	208835	19.197	ug/L 97
25) Chloroform	5.12	83	883969	20.647	ug/L 100
27) 1,2-Dichloroethane	5.83	62	594321	19.250	ug/L 98
29) 1,1,1-Trichloroethane	5.35	97	733121	19.566	ug/L 99
30) Cyclohexane	5.42	56	799352	21.583	ug/L 99
31) Carbon tetrachloride	5.56	117	616031	19.559	ug/L 99
33) Benzene	5.81	78	1872268	19.777	ug/L 100
34) Trichloroethene	6.57	95	464455	19.630	ug/L 98
35) Methylcyclohexane	6.79	83	792409	21.722	ug/L 98
37) 1,2-Dichloropropane	6.82	63	498858	19.540	ug/L 100
38) Bromodichloromethane	7.13	83	618559	18.629	ug/L 98
39) cis-1,3-Dichloropropene	7.63	75	768556	19.049	ug/L 100
40) 4-Methyl-2-pentanone	7.82	43	3906199	180.459	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.99	91	1956560	18.494	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	695623	19.685	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	356677	17.688	ug/L	96
47) Tetrachloroethene	8.57	164	327594	18.202	ug/L	98
48) 2-Hexanone	8.71	43	2920999	201.431	ug/L	99
49) Dibromochloromethane	8.83	129	411133	18.877	ug/L	99
50) 1,2-Dibromoethane	8.94	107	348052	18.602	ug/L #	100
51) Chlorobenzene	9.47	112	1218799	19.773	ug/L	99
52) Ethylbenzene	9.59	91	2215786	20.886	ug/L	99
53) m,p-Xylene	9.71	106	845373	21.182	ug/L	100
54) o-Xylene	10.11	106	817100	21.099	ug/L	99
55) Styrene	10.13	104	1455114	21.888	ug/L	99
56) Isopropylbenzene	10.50	105	2194304	21.865	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	499157	20.162	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	367761	20.010	ug/L	98
61) Bromoform	10.31	173	242016	19.167	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	986088	19.543	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	998185	19.250	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	939569	19.413	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	89154	19.729	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	724242	18.758	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	659944	19.264	ug/L	99
69) Naphthalene	14.11	128	1435473	22.831	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	613226	18.748	ug/L	98

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

