

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039039.D
 Acq On : 23 Jun 2020 14:28
 Operator : SY/MD
 Sample : VSTD02005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02005

Quant Time: Jun 24 00:30:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 00:26:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	314406	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	308372	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	154359	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	417917	18.16	ug/L	0.00
7) Chloroethane-d5	1.93	69	324812	17.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	817893	18.49	ug/L	0.00
20) 2-Butanone-d5	4.67	46	1583835	190.61	ug/L	0.00
24) Chloroform-d	5.10	84	825767	18.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	492806	17.69	ug/L	0.00
32) Benzene-d6	5.76	84	1617398	18.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	530884	18.47	ug/L	0.00
41) Toluene-d8	7.92	98	1389026	19.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	246811	19.76	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	1406784	218.26	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	505597	18.93	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	537074	18.68	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	500854	17.801 ug/L	100
3) Chloromethane	1.53	50	534831	17.661 ug/L	95
5) Vinyl chloride	1.62	62	554036	18.141 ug/L	99
6) Bromomethane	1.87	94	288326	17.535 ug/L	99
8) Chloroethane	1.95	64	311513	16.923 ug/L	96
9) Trichlorofluoromethane	2.16	101	694291	17.757 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	398818	17.521 ug/L	99
12) 1,1-Dichloroethene	2.60	96	396411	18.206 ug/L	93
13) Acetone	2.67	43	935990	165.881 ug/L	99
14) Carbon disulfide	2.82	76	1299348	17.897 ug/L	100
15) Methyl Acetate	2.98	43	227800	17.001 ug/L	96
16) Methylene chloride	3.08	84	458913	17.082 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	1207686	19.482 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	424518	18.220 ug/L	99
19) 1,1-Dichloroethane	3.91	63	836592	18.062 ug/L	99
21) 2-Butanone	4.75	43	1639786	191.144 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	469826	18.686 ug/L	95
23) Bromochloromethane	5.01	128	208108	17.985 ug/L	96
25) Chloroform	5.12	83	826189	17.755 ug/L	97
27) 1,2-Dichloroethane	5.83	62	589930	17.791 ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	702662	18.258 ug/L	100
30) Cyclohexane	5.42	56	732961	20.470 ug/L	98
31) Carbon tetrachloride	5.56	117	582893	18.189 ug/L	100
33) Benzene	5.81	78	1808621	18.667 ug/L	100
34) Trichloroethene	6.57	95	440306	18.788 ug/L	99
35) Methylcyclohexane	6.79	83	725205	20.854 ug/L	98
37) 1,2-Dichloropropane	6.82	63	488440	18.608 ug/L	100
38) Bromodichloromethane	7.13	83	610988	18.670 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	752875	20.693 ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	3923143	200.244 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	1871201	19.457	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	681738	20.025	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	360348	18.471	ug/L	97
47) Tetrachloroethene	8.57	164	309782	18.340	ug/L	97
48) 2-Hexanone	8.71	43	2879658	200.495	ug/L	99
49) Dibromochloromethane	8.83	129	408196	19.241	ug/L	98
50) 1,2-Dibromoethane	8.94	107	346679	18.795	ug/L	98
51) Chlorobenzene	9.47	112	1143702	18.891	ug/L	99
52) Ethylbenzene	9.59	91	2062227	20.400	ug/L	99
53) m,p-Xylene	9.71	106	771849	20.765	ug/L	100
54) o-Xylene	10.11	106	748691	20.967	ug/L	98
55) Styrene	10.13	104	1333893	21.270	ug/L	99
56) Isopropylbenzene	10.50	105	1968221	21.036	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	491320	18.834	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	362203	18.302	ug/L	98
61) Bromoform	10.31	173	230878	18.311	ug/L	99
62) 1,3-Dichlorobenzene	11.75	146	868638	18.925	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	869302	18.389	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	852140	18.516	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	93370	18.392	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	644079	18.961	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	611087	19.750	ug/L	99
69) Naphthalene	14.11	128	1430307	21.668	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	566769	18.978	ug/L	99

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

