

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081920\
 Data File : VU039900.D
 Acq On : 19 Aug 2020 10:43
 Operator : SY/MD
 Sample : VSTD01005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01005

Quant Time: Aug 20 07:42:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 20 07:38:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	72162	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69419	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39459	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	62730	14.54	ug/L	0.00
7) Chloroethane-d5	1.92	69	54144	12.15	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	125193	14.33	ug/L	0.00
20) 2-Butanone-d5	4.66	46	220190	124.34	ug/L	0.00
24) Chloroform-d	5.08	84	116980	11.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	65516	11.12	ug/L	0.00
32) Benzene-d6	5.74	84	222428	12.99	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	71082	12.23	ug/L	0.00
41) Toluene-d8	7.91	98	200044	13.08	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	30583	13.54	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	173281	141.52	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	65130	11.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	82080	11.87	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	76440	12.158 ug/L	99
3) Chloromethane	1.53	50	85462	12.859 ug/L	99
5) Vinyl chloride	1.61	62	84211	13.027 ug/L	97
6) Bromomethane	1.87	94	46357	11.847 ug/L	99
8) Chloroethane	1.94	64	50588	11.249 ug/L	97
9) Trichlorofluoromethane	2.15	101	126598	12.936 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	68795	12.532 ug/L	93
12) 1,1-Dichloroethene	2.59	96	66186	13.784 ug/L	96
13) Acetone	2.68	43	142530	129.234 ug/L	# 50
14) Carbon disulfide	2.81	76	211195	13.918 ug/L	100
15) Methyl Acetate	2.97	43	37158	13.630 ug/L	95
16) Methylene chloride	3.06	84	74471	10.041 ug/L	93
17) Methyl tert-butyl Ether	3.38	73	176428	14.067 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	69157	13.163 ug/L	96
19) 1,1-Dichloroethane	3.89	63	126184	12.989 ug/L	98
21) 2-Butanone	4.74	43	257399	146.367 ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	73456	13.120 ug/L	98
23) Bromochloromethane	4.99	128	34974	13.283 ug/L	95
25) Chloroform	5.11	83	129782	12.746 ug/L	98
27) 1,2-Dichloroethane	5.81	62	90242	12.783 ug/L	98
29) 1,1,1-Trichloroethane	5.34	97	114035	13.784 ug/L	98
30) Cyclohexane	5.40	56	117500	14.501 ug/L	99
31) Carbon tetrachloride	5.54	117	102524	13.622 ug/L	99
33) Benzene	5.79	78	281010	13.840 ug/L	100
34) Trichloroethene	6.56	95	70400	13.401 ug/L	90
35) Methylcyclohexane	6.77	83	117372	14.101 ug/L	98
37) 1,2-Dichloropropane	6.80	63	73993	13.697 ug/L	# 97
38) Bromodichloromethane	7.11	83	94413	13.419 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	108859	14.629 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	618728	151.983 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	292027	13.687	ug/L	97
44) trans-1,3-Dichloropropene	8.22	75	100934	15.249	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	55624	13.780	ug/L	97
47) Tetrachloroethene	8.56	164	55576	13.024	ug/L	95
48) 2-Hexanone	8.69	43	442337	150.773	ug/L	99
49) Dibromochloromethane	8.82	129	69152	14.007	ug/L	97
50) 1,2-Dibromoethane	8.93	107	55332	14.069	ug/L #	98
51) Chlorobenzene	9.45	112	188262	13.285	ug/L	100
52) Ethylbenzene	9.57	91	323283	13.682	ug/L	97
53) m,p-Xylene	9.69	106	125569	13.948	ug/L	98
54) o-Xylene	10.10	106	122367	13.965	ug/L	98
55) Styrene	10.11	104	210725	14.145	ug/L	99
56) Isopropylbenzene	10.48	105	320240	13.651	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	73750	13.405	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	53485	13.862	ug/L	96
61) Bromoform	10.29	173	40130	14.016	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	159554	12.964	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	161002	12.513	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	152076	12.637	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	13252	14.237	ug/L	85
67) 1,3,5-Trichlorobenzene	13.21	180	121783	13.182	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	109355	14.105	ug/L	99
69) Naphthalene	14.08	128	211713	15.123	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	102030	14.691	ug/L	99

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

