

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083120\
 Data File : VU040000.D
 Acq On : 31 Aug 2020 11:01
 Operator : SY/MD
 Sample : VSTD01006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01006

Quant Time: Aug 31 17:59:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 31 17:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126778	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122982	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58705	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66284	6.38	ug/L	0.00
7) Chloroethane-d5	1.92	69	54940	6.40	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	173703	8.28	ug/L	0.00
20) 2-Butanone-d5	4.65	46	270007	78.00	ug/L	0.00
24) Chloroform-d	5.09	84	156456	8.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	92835	7.89	ug/L	0.00
32) Benzene-d6	5.74	84	285161	7.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	92768	7.83	ug/L	0.00
41) Toluene-d8	7.91	98	255928	8.23	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	41691	8.32	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	208483	82.85	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	78778	7.52	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	92147	8.26	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	121344	9.228	ug/L 100
3) Chloromethane	1.53	50	112979	7.797	ug/L 100
5) Vinyl chloride	1.61	62	115759	8.470	ug/L 98
6) Bromomethane	1.87	94	58974	7.601	ug/L 95
8) Chloroethane	1.94	64	66631	7.539	ug/L 96
9) Trichlorofluoromethane	2.15	101	169072	8.229	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	105985	9.246	ug/L 99
12) 1,1-Dichloroethene	2.59	96	95796	8.765	ug/L 96
13) Acetone	2.66	43	236123	93.713	ug/L 99
14) Carbon disulfide	2.81	76	297529	8.472	ug/L 100
15) Methyl Acetate	2.97	43	58199	9.289	ug/L 96
16) Methylene chloride	3.06	84	110002	7.309	ug/L 94
17) Methyl tert-butyl Ether	3.38	73	283322	9.985	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	98792	8.701	ug/L 96
19) 1,1-Dichloroethane	3.89	63	205411	9.568	ug/L 99
21) 2-Butanone	4.73	43	403487	94.214	ug/L 100
22) cis-1,2-Dichloroethene	4.69	96	110178	9.210	ug/L 98
23) Bromochloromethane	5.00	128	49047	8.803	ug/L 97
25) Chloroform	5.11	83	211190	9.613	ug/L 98
27) 1,2-Dichloroethane	5.81	62	153585	9.862	ug/L 99
29) 1,1,1-Trichloroethane	5.33	97	184411	9.965	ug/L 99
30) Cyclohexane	5.41	56	185903	10.236	ug/L 98
31) Carbon tetrachloride	5.54	117	156574	9.652	ug/L 99
33) Benzene	5.79	78	425034	9.469	ug/L 100
34) Trichloroethene	6.56	95	111702	9.516	ug/L 95
35) Methylcyclohexane	6.77	83	179329	10.031	ug/L 97
37) 1,2-Dichloropropane	6.80	63	115522	9.580	ug/L 100
38) Bromodichloromethane	7.12	83	156313	10.131	ug/L 99
39) cis-1,3-Dichloropropene	7.62	75	173786	10.218	ug/L 97
40) 4-Methyl-2-pentanone	7.80	43	958413	99.083	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	446959	9.716	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	162525	10.117	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	81716	8.985	ug/L	97
47) Tetrachloroethene	8.56	164	74632	8.832	ug/L	99
48) 2-Hexanone	8.69	43	696901	99.960	ug/L	99
49) Dibromochloromethane	8.82	129	99989	9.258	ug/L	100
50) 1,2-Dibromoethane	8.93	107	79401	9.170	ug/L	95
51) Chlorobenzene	9.45	112	271745	9.146	ug/L	99
52) Ethylbenzene	9.57	91	514123	10.184	ug/L	98
53) m,p-Xylene	9.69	106	184482	9.682	ug/L	100
54) o-Xylene	10.10	106	179366	9.919	ug/L	99
55) Styrene	10.11	104	314232	10.045	ug/L	99
56) Isopropylbenzene	10.48	105	491308	10.093	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	104446	8.980	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	82651	9.476	ug/L	97
61) Bromoform	10.29	173	51746	9.936	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	212674	9.825	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	212789	9.639	ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	204024	9.718	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	21528	11.802	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	149274	9.315	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	136772	9.958	ug/L	100
69) Naphthalene	14.08	128	287336	10.976	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	121769	9.515	ug/L	97

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

