

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100820\
 Data File : VU040559.D
 Acq On : 08 Oct 2020 13:46
 Operator : SY/MD
 Sample : VSTD00501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00501

Quant Time: Oct 09 01:19:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 09 01:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	143359	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	142200	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	75425	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	61906	7.57	ug/L	0.00
7) Chloroethane-d5	1.92	69	48561	7.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	121480	6.57	ug/L	0.00
20) 2-Butanone-d5	4.66	46	203542	56.18	ug/L	0.00
24) Chloroform-d	5.08	84	111137	6.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	65039	5.99	ug/L	0.00
32) Benzene-d6	5.74	84	205218	6.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	65480	5.96	ug/L	0.00
41) Toluene-d8	7.90	98	188170	6.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	29392	6.36	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	154719	59.25	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	59647	5.65	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	69597	5.78	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	68899	4.856	ug/L 100
3) Chloromethane	1.53	50	63221	4.593	ug/L 100
5) Vinyl chloride	1.61	62	66321	4.836	ug/L 100
6) Bromomethane	1.87	94	36228	5.323	ug/L 100
8) Chloroethane	1.94	64	42335	5.174	ug/L 100
9) Trichlorofluoromethane	2.15	101	95886	5.017	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	61880	5.067	ug/L 100
12) 1,1-Dichloroethene	2.59	96	55457	5.097	ug/L 100
13) Acetone	2.67	43	157681	52.668	ug/L 100
14) Carbon disulfide	2.81	76	152979	4.561	ug/L 100
15) Methyl Acetate	2.97	43	36023	5.069	ug/L 100
16) Methylene chloride	3.06	84	65728	4.788	ug/L 100
17) Methyl tert-butyl Ether	3.38	73	153277	5.080	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	56091	5.018	ug/L 100
19) 1,1-Dichloroethane	3.89	63	117326	5.078	ug/L 100
21) 2-Butanone	4.74	43	256020	53.708	ug/L 100
22) cis-1,2-Dichloroethene	4.69	96	61434	4.978	ug/L 100
23) Bromochloromethane	5.00	128	30241	5.271	ug/L 100
25) Chloroform	5.11	83	121500	5.154	ug/L 100
27) 1,2-Dichloroethane	5.81	62	84112	5.133	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	101155	5.198	ug/L 100
30) Cyclohexane	5.40	56	95258	4.810	ug/L 100
31) Carbon tetrachloride	5.54	117	87884	5.255	ug/L 100
33) Benzene	5.79	78	249077	5.225	ug/L 100
34) Trichloroethene	6.55	95	62743	4.977	ug/L 100
35) Methylcyclohexane	6.77	83	91255	4.967	ug/L 100
37) 1,2-Dichloropropane	6.80	63	70108	5.233	ug/L 100
38) Bromodichloromethane	7.11	83	87408	5.311	ug/L 100
39) cis-1,3-Dichloropropene	7.61	75	93969	5.258	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	568695	54.461	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	260138	5.326	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	88875	5.361	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	51259	5.450	ug/L	100
47) Tetrachloroethene	8.56	164	46699	5.166	ug/L	100
48) 2-Hexanone	8.69	43	427360	55.186	ug/L	100
49) Dibromochloromethane	8.82	129	60114	5.468	ug/L	100
50) 1,2-Dibromoethane	8.93	107	47537	5.326	ug/L	100
51) Chlorobenzene	9.45	112	164421	5.214	ug/L	100
52) Ethylbenzene	9.57	91	277497	5.238	ug/L	100
53) m,p-Xylene	9.69	106	105461	5.344	ug/L	100
54) o-Xylene	10.10	106	101445	5.467	ug/L	100
55) Styrene	10.11	104	178194	5.511	ug/L	100
56) Isopropylbenzene	10.48	105	269927	5.392	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	65827	5.203	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	48905	5.083	ug/L	100
61) Bromoform	10.29	173	34636	5.429	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	134201	5.343	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	136604	5.223	ug/L	100
65) 1,2-Dichlorobenzene	12.21	146	129131	5.285	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	11236	5.074	ug/L	100
67) 1,3,5-Trichlorobenzene	13.21	180	91871	5.121	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	73836	5.153	ug/L	100
69) Naphthalene	14.08	128	122364	5.034	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	71525	5.414	ug/L	100

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

