

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072120\
 Data File : VU039590.D
 Acq On : 21 Jul 2020 10:54
 Operator : SY/MD
 Sample : VSTD02004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

Quant Time: Jul 21 11:10:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 21 10:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	135832	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132994	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	75823	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	113462	15.59	ug/L	0.00
7) Chloroethane-d5	1.93	69	139343	17.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	268631	18.06	ug/L	0.00
20) 2-Butanone-d5	4.66	46	542481	161.75	ug/L	0.00
24) Chloroform-d	5.08	84	320384	19.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	189877	18.48	ug/L	0.00
32) Benzene-d6	5.75	84	600892	19.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.71	67	196224	18.21	ug/L	0.00
41) Toluene-d8	7.91	98	594538	21.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	95159	19.96	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	468825	171.32	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	201641	18.79	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	272472	20.58	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	131171	16.605	ug/L 98
3) Chloromethane	1.53	50	134888	14.301	ug/L 97
5) Vinyl chloride	1.61	62	146722	14.087	ug/L 99
6) Bromomethane	1.87	94	99734	20.440	ug/L 99
8) Chloroethane	1.94	64	136708	17.651	ug/L 97
9) Trichlorofluoromethane	2.15	101	357664	18.964	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	137782	17.857	ug/L 98
12) 1,1-Dichloroethene	2.59	96	124376	16.069	ug/L 98
13) Acetone	2.66	43	288910	152.676	ug/L 100
14) Carbon disulfide	2.81	76	375384	14.019	ug/L 99
15) Methyl Acetate	2.97	43	73938	14.941	ug/L 97
16) Methylene chloride	3.06	84	151256	15.308	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	412444	16.650	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	144647	16.754	ug/L 95
19) 1,1-Dichloroethane	3.89	63	289180	16.751	ug/L 98
21) 2-Butanone	4.74	43	529657	157.834	ug/L 98
22) cis-1,2-Dichloroethene	4.69	96	169684	17.290	ug/L 99
23) Bromochloromethane	5.00	128	77924	17.511	ug/L 96
25) Chloroform	5.11	83	321664	18.286	ug/L 97
27) 1,2-Dichloroethane	5.81	62	223320	17.666	ug/L 98
29) 1,1,1-Trichloroethane	5.34	97	286705	18.575	ug/L 97
30) Cyclohexane	5.41	56	256904	16.440	ug/L 97
31) Carbon tetrachloride	5.54	117	248825	18.960	ug/L 98
33) Benzene	5.79	78	647127	16.804	ug/L 100
34) Trichloroethene	6.56	95	176840	17.697	ug/L 95
35) Methylcyclohexane	6.78	83	273302	17.372	ug/L 98
37) 1,2-Dichloropropane	6.81	63	172874	16.449	ug/L 98
38) Bromodichloromethane	7.12	83	245657	18.197	ug/L 96
39) cis-1,3-Dichloropropene	7.62	75	273083	17.257	ug/L 96
40) 4-Methyl-2-pentanone	7.80	43	1412102	162.259	ug/L 99

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42) Toluene	7.98	91	751649	18.149	ug/L	97
44) trans-1,3-Dichloropropene	8.22	75	251684	17.930	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	137434	18.154	ug/L	96
47) Tetrachloroethene	8.56	164	130262	18.603	ug/L	94
48) 2-Hexanone	8.69	43	1072573	167.602	ug/L	99
49) Dibromochloromethane	8.82	129	181937	19.679	ug/L	98
50) 1,2-Dibromoethane	8.93	107	138353	18.038	ug/L	100
51) Chlorobenzene	9.45	112	477451	18.727	ug/L	98
52) Ethylbenzene	9.57	91	877708	19.087	ug/L	100
53) m,p-Xylene	9.70	106	336650	19.405	ug/L	96
54) o-Xylene	10.10	106	331931	19.599	ug/L	96
55) Styrene	10.11	104	588905	19.970	ug/L	99
56) Isopropylbenzene	10.48	105	920559	20.077	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	189318	17.919	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	134856	17.244	ug/L	99
61) Bromoform	10.29	173	118795	19.096	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	428062	18.396	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	429356	18.351	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	417689	17.940	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	34865	17.140	ug/L #	81
67) 1,3,5-Trichlorobenzene	13.21	180	309681	17.796	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	274712	18.650	ug/L	96
69) Naphthalene	14.08	128	509819	17.557	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	245508	18.133	ug/L	97

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

