

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU113020\
 Data File : VU041438.D
 Acq On : 30 Nov 2020 11:39
 Operator : SY/MD
 Sample : VSTD02031
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020201

Quant Time: Dec 01 00:31:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR113020WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 01 00:28:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64995	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65595	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	36437	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	93927	18.29	ug/L	0.00
7) Chloroethane-d5	1.92	69	68635	18.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	47358	20.16	ug/L	0.00
20) 2-Butanone-d5	4.65	46	303972	222.13	ug/L	0.00
24) Chloroform-d	5.08	84	208041	20.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	128084	20.14	ug/L	0.00
32) Benzene-d6	5.74	84	346077	21.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	106164	22.39	ug/L	0.00
41) Toluene-d8	7.91	98	337227	21.24	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	58279	23.00	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	239247	242.79	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	100862	20.53	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	135375	20.87	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	147945	19.534	ug/L 99
3) Chloromethane	1.53	50	107121	17.510	ug/L 100
5) Vinyl chloride	1.61	62	114585	19.176	ug/L 97
6) Bromomethane	1.86	94	68368	21.114	ug/L 97
8) Chloroethane	1.94	64	63256	17.042	ug/L 99
9) Trichlorofluoromethane	2.15	101	223661	20.919	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	103937	20.695	ug/L 96
12) 1,1-Dichloroethene	2.59	96	88971	20.778	ug/L 92
13) Acetone	2.66	43	209204	200.603	ug/L 99
14) Carbon disulfide	2.81	76	250213	20.329	ug/L 99
15) Methyl Acetate	2.97	43	45255	21.343	ug/L 97
16) Methylene chloride	3.06	84	98576	15.299	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	274280	22.286	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	92225	21.317	ug/L 93
19) 1,1-Dichloroethane	3.89	63	187147	21.379	ug/L 96
21) 2-Butanone	4.73	43	329485	221.483	ug/L 100
22) cis-1,2-Dichloroethene	4.69	96	104645	21.447	ug/L 95
23) Bromochloromethane	4.99	128	48402	20.631	ug/L 97
25) Chloroform	5.11	83	209518	20.245	ug/L 99
27) 1,2-Dichloroethane	5.81	62	158427	20.862	ug/L 98
29) 1,1,1-Trichloroethane	5.33	97	199582	21.475	ug/L 98
30) Cyclohexane	5.40	56	158633	23.979	ug/L 99
31) Carbon tetrachloride	5.54	117	181323	21.473	ug/L 98
33) Benzene	5.79	78	392983	21.407	ug/L 100
34) Trichloroethene	6.55	95	108770	22.147	ug/L 97
35) Methylcyclohexane	6.77	83	164798	24.227	ug/L 98
37) 1,2-Dichloropropane	6.80	63	102852	22.205	ug/L 99
38) Bromodichloromethane	7.11	83	159033	21.694	ug/L 99
39) cis-1,3-Dichloropropene	7.62	75	169545	23.355	ug/L 97
40) 4-Methyl-2-pentanone	7.80	43	785067	239.285	ug/L 100

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42) Toluene	7.98	91	442382	22.494	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	164058	23.282	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	77168	20.731	ug/L	99
47) Tetrachloroethene	8.56	164	82289	21.571	ug/L	99
48) 2-Hexanone	8.69	43	598205	235.015	ug/L	100
49) Dibromochloromethane	8.82	129	109082	22.106	ug/L	97
50) 1,2-Dibromoethane	8.93	107	76675	20.896	ug/L	97
51) Chlorobenzene	9.45	112	281614	21.126	ug/L	99
52) Ethylbenzene	9.57	91	515325	22.857	ug/L	99
53) m,p-Xylene	9.69	106	188392	23.113	ug/L	95
54) o-Xylene	10.10	106	184725	23.577	ug/L	95
55) Styrene	10.11	104	324703	23.430	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.78	83	105076	21.238	ug/L	99
59) Bromoform	10.29	173	64205	22.034	ug/L	96
60) Isopropylbenzene	10.48	105	520029	23.361	ug/L	100
61) 1,2,3-Trichloropropane	10.82	75	80490	20.756	ug/L	96
62) 1,3,5-Trimethylbenzene	11.09	105	468272	24.685	ug/L	100
63) 1,2,4-Trimethylbenzene	11.46	105	479120	24.458	ug/L	97
64) 1,3-Dichlorobenzene	11.74	146	238516	20.997	ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	238867	20.559	ug/L	98
67) 1,2-Dichlorobenzene	12.21	146	231340	21.003	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	22777	22.594	ug/L	96
69) 1,3,5-Trichlorobenzene	13.21	180	192190	21.984	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	168341	23.094	ug/L	97
71) Naphthalene	14.08	128	312892	24.970	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	152326	22.341	ug/L	97

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

