

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041385.D
 Acq On : 23 Nov 2020 13:30
 Operator : SY/MD
 Sample : VSTD02002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02002

Quant Time: Nov 24 01:07:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:04:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	77006	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	78200	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42329	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	109034	19.73	ug/L	0.00
7) Chloroethane-d5	1.91	69	76373	16.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.57	63	206099	17.91	ug/L	0.00
20) 2-Butanone-d5	4.64	46	292489	138.93	ug/L	0.00
24) Chloroform-d	5.08	84	222788	18.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	126543	16.56	ug/L	0.00
32) Benzene-d6	5.74	84	400191	19.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	118417	16.69	ug/L	0.00
41) Toluene-d8	7.91	98	390084	20.15	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	61032	20.11	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	222879	148.74	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	103465	15.23	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	140399	17.68	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	153221	23.155 ug/L	99
3) Chloromethane	1.53	50	129639	19.112 ug/L	98
5) Vinyl chloride	1.61	62	138640	20.846 ug/L	97
6) Bromomethane	1.85	94	61268	16.547 ug/L	100
8) Chloroethane	1.93	64	74126	17.336 ug/L	93
9) Trichlorofluoromethane	2.14	101	213005	20.398 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	104716	18.636 ug/L	94
12) 1,1-Dichloroethene	2.58	96	96582	19.370 ug/L	89
13) Acetone	2.63	43	173970	121.926 ug/L	100
14) Carbon disulfide	2.80	76	317609	20.952 ug/L	99
15) Methyl Acetate	2.96	43	42608	14.189 ug/L	95
16) Methylene chloride	3.06	84	110190	17.509 ug/L	100
17) Methyl tert-butyl Ether	3.38	73	274297	20.355 ug/L	99
18) trans-1,2-Dichloroethene	3.36	96	109474	22.175 ug/L	95
19) 1,1-Dichloroethane	3.88	63	214932	19.853 ug/L	99
21) 2-Butanone	4.72	43	326180	150.822 ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	118927	21.779 ug/L	93
23) Bromochloromethane	4.99	128	53096	19.644 ug/L	96
25) Chloroform	5.10	83	228083	19.415 ug/L	99
27) 1,2-Dichloroethane	5.81	62	156391	18.875 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	205620	21.062 ug/L	99
30) Cyclohexane	5.40	56	199567	24.468 ug/L	99
31) Carbon tetrachloride	5.54	117	185152	21.813 ug/L	98
33) Benzene	5.79	78	465778	21.859 ug/L	100
34) Trichloroethene	6.55	95	116783	20.108 ug/L	95
35) Methylcyclohexane	6.77	83	188615	23.741 ug/L	97
37) 1,2-Dichloropropane	6.80	63	113615	18.432 ug/L	# 97
38) Bromodichloromethane	7.11	83	164362	20.176 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	186430	21.701 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	812205	169.012 ug/L	98

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42) Toluene	7.98	91	506568	22.244	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	168370	20.875	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	83283	17.976	ug/L	96
47) Tetrachloroethene	8.56	164	91864	21.457	ug/L	98
48) 2-Hexanone	8.69	43	587915	165.536	ug/L	98
49) Dibromochloromethane	8.82	129	110651	19.899	ug/L	97
50) 1,2-Dibromoethane	8.93	107	81721	18.895	ug/L #	98
51) Chlorobenzene	9.45	112	312269	20.759	ug/L	98
52) Ethylbenzene	9.57	91	574556	23.404	ug/L	99
53) m,p-Xylene	9.69	106	212619	23.933	ug/L	95
54) o-Xylene	10.10	106	204415	24.032	ug/L	97
55) Styrene	10.11	104	358162	23.984	ug/L	100
56) Isopropylbenzene	10.48	105	570588	24.943	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	106473	17.263	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	78534	16.533	ug/L	97
61) Bromoform	10.29	173	62535	16.670	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	255118	20.004	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	256009	19.602	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	237585	19.105	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	18726	16.531	ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	186778	20.754	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	152236	20.668	ug/L	99
69) Naphthalene	14.08	128	257810	21.704	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	135461	19.686	ug/L	100

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

