

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041916.D
 Acq On : 11 Jan 2021 12:55
 Operator : SY/MD
 Sample : VSTD01005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01005

Quant Time: Jan 12 01:16:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 01:13:33 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124011	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120331	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63261	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	108477	10.37	ug/L	0.00
7) Chloroethane-d5	1.92	69	99526	10.28	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	207296	10.46	ug/L	0.00
20) 2-Butanone-d5	4.65	46	318834	109.76	ug/L	0.00
24) Chloroform-d	5.08	84	196572	10.32	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	102126	10.17	ug/L	0.00
32) Benzene-d6	5.74	84	369312	10.38	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	115579	10.35	ug/L	0.00
41) Toluene-d8	7.90	98	343575	10.66	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	50152	10.76	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	270468	114.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	102122	10.33	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	122251	10.22	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	124452	10.375 ug/L	100
3) Chloromethane	1.52	50	130788	10.021 ug/L	95
5) Vinyl chloride	1.61	62	149181	10.531 ug/L	100
6) Bromomethane	1.86	94	90708	10.588 ug/L	99
8) Chloroethane	1.94	64	86225	9.965 ug/L	99
9) Trichlorofluoromethane	2.14	101	189749	10.381 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	101711	10.226 ug/L	99
12) 1,1-Dichloroethene	2.59	96	98620	10.186 ug/L	99
13) Acetone	2.66	43	198505	108.616 ug/L	# 41
14) Carbon disulfide	2.80	76	321550	10.644 ug/L	99
15) Methyl Acetate	2.96	43	46340	10.811 ug/L	99
16) Methylene chloride	3.06	84	111649	9.175 ug/L	96
17) Methyl tert-butyl Ether	3.38	73	241381	10.396 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	95604	10.171 ug/L	99
19) 1,1-Dichloroethane	3.89	63	182127	10.324 ug/L	99
21) 2-Butanone	4.73	43	322724	110.243 ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	107620	10.721 ug/L	93
23) Bromochloromethane	4.99	128	48453	10.344 ug/L	86
25) Chloroform	5.10	83	184086	10.011 ug/L	99
27) 1,2-Dichloroethane	5.81	62	121001	10.267 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	160993	10.252 ug/L	99
30) Cyclohexane	5.40	56	160290	10.895 ug/L	98
31) Carbon tetrachloride	5.54	117	139577	10.284 ug/L	98
33) Benzene	5.79	78	404972	10.441 ug/L	100
34) Trichloroethene	6.55	95	103301	10.147 ug/L	99
35) Methylcyclohexane	6.77	83	165286	11.046 ug/L	98
37) 1,2-Dichloropropane	6.80	63	104391	10.794 ug/L	99
38) Bromodichloromethane	7.11	83	134963	10.428 ug/L	95
39) cis-1,3-Dichloropropene	7.61	75	155797	10.910 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	670375	109.182 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.97	91	432073	10.783	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	139146	11.015	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	77524	10.455	ug/L	100
47) Tetrachloroethene	8.56	164	77334	10.917	ug/L	93
48) 2-Hexanone	8.69	43	494464	109.248	ug/L	100
49) Dibromochloromethane	8.81	129	95032	10.531	ug/L	99
50) 1,2-Dibromoethane	8.93	107	75244	10.764	ug/L	98
51) Chlorobenzene	9.45	112	264303	10.478	ug/L	98
52) Ethylbenzene	9.57	91	472489	11.195	ug/L	99
53) m,p-Xylene	9.69	106	178427	11.419	ug/L	98
54) o-Xylene	10.10	106	169428	11.220	ug/L	93
55) Styrene	10.11	104	301656	11.492	ug/L	99
56) Isopropylbenzene	10.48	105	457644	11.287	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	99196	10.237	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	73880	10.459	ug/L	97
61) Bromoform	10.29	173	56412	10.526	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	208138	10.369	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	210643	10.456	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	201830	10.446	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	17873	10.185	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	153808	10.495	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	125553	11.367	ug/L	99
69) Naphthalene	14.08	128	235483	12.572	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	118954	11.391	ug/L	99

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

