

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
 Data File : VU043758.D
 Acq On : 14 May 2021 16:10
 Operator : SY/MD
 Sample : VSTD02031
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020131

Quant Time: May 15 00:29:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:28:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	254456	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	247134	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	137838	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	373284	18.45	ug/L	0.00
7) Chloroethane-d5	1.919	69	252876	17.12	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	156049	16.26	ug/L	0.00
20) 2-Butanone-d5	4.645	46	930135	169.24	ug/L	0.00
24) Chloroform-d	5.073	84	616871	16.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	305652	13.98	ug/L	0.00
32) Benzene-d6	5.735	84	1292974	19.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	403828	17.87	ug/L	0.00
41) Toluene-d8	7.906	98	1196896	19.75	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	160026	17.84	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	773199	208.13	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	329280	18.29	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	449002	18.59	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	382511	21.71	ug/L	100
3) Chloromethane	1.523	50	428377	22.39	ug/L	99
5) Vinyl chloride	1.607	62	444265	24.21	ug/L	98
6) Bromomethane	1.861	94	251525	27.36	ug/L	99
8) Chloroethane	1.938	64	231125	20.08	ug/L	99
9) Trichlorofluoromethane	2.144	101	493376	18.43	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	352817	21.01	ug/L	99
12) 1,1-Dichloroethene	2.584	96	350563	23.58	ug/L	96
13) Acetone	2.658	43	547509	149.82	ug/L	98
14) Carbon disulfide	2.800	76	1148096	28.57	ug/L	100
15) Methyl Acetate	2.964	43	135607	15.27	ug/L	93
16) Methylene chloride	3.054	84	387096	16.41	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	856971	21.08	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	367562	23.67	ug/L	99
19) 1,1-Dichloroethane	3.880	63	663613	19.04	ug/L	99
21) 2-Butanone	4.726	43	1134122	187.82	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	397479	22.34	ug/L	99
23) Bromochloromethane	4.983	128	182058	22.85	ug/L	99
25) Chloroform	5.099	83	651556	17.74	ug/L	99
27) 1,2-Dichloroethane	5.803	62	409573	16.89	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	546062	19.17	ug/L	99
30) Cyclohexane	5.398	56	655952	26.75	ug/L	99
31) Carbon tetrachloride	5.533	117	461002	19.67	ug/L	100
33) Benzene	5.784	78	1524875	22.85	ug/L	100
34) Trichloroethene	6.549	95	385356	22.67	ug/L	99
35) Methylcyclohexane	6.771	83	673526	29.13	ug/L	97
37) 1,2-Dichloropropane	6.800	63	397840	20.64	ug/L	99
38) Bromodichloromethane	7.112	83	467409	19.00	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	578314	22.57	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	2650454	180.27	ug/L	98
42) Toluene	7.977	91	1644238	23.44	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	484683	21.05	ug/L	98

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45) 1,1,2-Trichloroethane	8.407	97	284137	21.09	ug/L	98
47) Tetrachloroethene	8.558	164	315589	24.50	ug/L	97
48) 2-Hexanone	8.694	43	1944326	179.97	ug/L	99
49) Dibromochloromethane	8.819	129	326292	20.43	ug/L	98
50) 1,2-Dibromoethane	8.931	107	269708	21.58	ug/L	98
51) Chlorobenzene	9.452	112	997118	22.53	ug/L	99
52) Ethylbenzene	9.578	91	1769985	24.09	ug/L	100
53) m,p-Xylene	9.700	106	684619	25.36	ug/L	98
54) o-Xylene	10.108	106	652610	24.94	ug/L	100
55) Styrene	10.121	104	1128861	24.88	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	363754	20.51	ug/L	99
59) Bromoform	10.298	173	195249	19.86	ug/L	100
60) Isopropylbenzene	10.491	105	1734812	22.83	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	263562	19.39	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	1495473	24.90	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	1538866	25.48	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	820303	21.79	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	819548	21.29	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	783096	20.77	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	58668	18.61	ug/L	99
69) 1,3,5-Trichlorobenzene	13.227	180	680038	22.93	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	579425	23.71	ug/L	100
71) Naphthalene	14.092	128	1095700	26.44	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	542848	23.76	ug/L	99

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

