

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054918.D
 Acq On : 28 Aug 2023 11:16
 Operator : MD/SY
 Sample : VSTD02047
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020047

Quant Time: Aug 29 02:49:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 02:45:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	199893	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	197007	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	112404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	129920	9.702	ug/L	0.00
7) Chloroethane-d5	1.904	69	184305	15.764	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	75014	13.182	ug/L	0.00
20) 2-Butanone-d5	4.621	46	759628	223.163	ug/L	0.00
24) Chloroform-d	5.058	84	518844	19.808	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	268903	19.499	ug/L	0.00
32) Benzene-d6	5.724	84	951123	18.772	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.688	67	328160	20.032	ug/L	0.00
41) Toluene-d8	7.897	98	916917	19.360	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	118051	18.502	ug/L	0.00
46) 2-Hexanone-d5	8.630	63	580524	232.363	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	286926	21.508	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	380497	19.720	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	270377	17.893	ug/L	100
3) Chloromethane	1.518	50	274051	16.466	ug/L	100
5) Vinyl chloride	1.602	62	295233	18.068	ug/L	100
6) Bromomethane	1.853	94	196891	19.708	ug/L	99
8) Chloroethane	1.927	64	198960	20.873	ug/L	98
9) Trichlorofluoromethane	2.132	101	418113	19.332	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	228843	20.800	ug/L	96
12) 1,1-Dichloroethene	2.576	96	199806	19.738	ug/L	93
13) Acetone	2.631	43	393073	220.649	ug/L	100
14) Carbon disulfide	2.788	76	559258	17.009	ug/L	97
15) Methyl Acetate	2.949	43	85214	19.648	ug/L	100
16) Methylene chloride	3.039	84	232024	15.495	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	593949	24.043	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	219931	20.924	ug/L	95
19) 1,1-Dichloroethane	3.865	63	460248	22.223	ug/L	99
21) 2-Butanone	4.701	43	648621	240.046	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	271404	23.036	ug/L	96
23) Bromochloromethane	4.971	128	115141	22.483	ug/L	98
25) Chloroform	5.084	83	494542	22.577	ug/L	98
27) 1,2-Dichloroethane	5.791	62	306297	22.009	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	426930	22.198	ug/L	98
30) Cyclohexane	5.386	56	389152	22.587	ug/L	97
31) Carbon tetrachloride	5.521	117	362774	21.199	ug/L	100
33) Benzene	5.772	78	1017372	22.537	ug/L	100
34) Trichloroethene	6.541	95	274335	21.607	ug/L	96
35) Methylcyclohexane	6.762	83	418507	23.429	ug/L	99
37) 1,2-Dichloropropane	6.788	63	281991	23.510	ug/L	99
38) Bromodichloromethane	7.103	83	349683	22.860	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	431602	24.150	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	1611552	242.044	ug/L	100
42) Toluene	7.968	91	1151667	23.942	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	358789	23.618	ug/L	97

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45) 1,1,2-Trichloroethane	8.396	97	196448	22.868	ug/L	98
47) Tetrachloroethene	8.550	164	209380	21.041	ug/L	94
48) 2-Hexanone	8.682	43	1223146	255.653	ug/L	99
49) Dibromochloromethane	8.807	129	230166	23.663	ug/L	90
50) 1,2-Dibromoethane	8.923	107	187738	23.192	ug/L	96
51) Chlorobenzene	9.444	112	739830	23.888	ug/L	99
52) Ethylbenzene	9.569	91	1317712	25.108	ug/L	99
53) m,p-Xylene	9.692	106	502794	25.279	ug/L	99
54) o-Xylene	10.097	106	488891	26.273	ug/L	100
55) Styrene	10.113	104	828534	26.422	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	239268	23.162	ug/L	99
59) Bromoform	10.290	173	131524	20.657	ug/L	96
60) Isopropylbenzene	10.483	105	1345696	24.713	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	174250	21.141	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	1187167	25.962	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	1164447	26.828	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	617775	22.935	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	615960	23.010	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	569503	22.979	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	39487	20.095	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.219	180	464210	23.624	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	372669	23.746	ug/L	99
71) Naphthalene	14.084	128	575873	23.516	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	321507	23.301	ug/L	99

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

