

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051568.D
 Acq On : 28 Oct 2022 14:51
 Operator : JC/MD
 Sample : VSTD02066
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020066

Quant Time: Oct 28 22:32:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 22:30:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	243104	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	242569	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	132783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	361049	19.719	ug/L	0.00
7) Chloroethane-d5	1.906	69	363416	19.032	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	133808	20.137	ug/L	0.00
20) 2-Butanone-d5	4.623	46	1410537	212.722	ug/L	-0.01
24) Chloroform-d	5.060	84	847456	19.780	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	434165	18.759	ug/L	0.00
32) Benzene-d6	5.722	84	1583783	20.690	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	543506	20.305	ug/L	0.00
41) Toluene-d8	7.896	98	1275512	21.189	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	174943	21.375	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	1221910	248.011	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	492036	20.060	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	484238	19.869	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	572333	21.527	ug/L	99
3) Chloromethane	1.523	50	636379	18.988	ug/L	99
5) Vinyl chloride	1.600	62	667723	20.799	ug/L	98
6) Bromomethane	1.854	94	307224	20.183	ug/L	96
8) Chloroethane	1.928	64	394352	20.229	ug/L	100
9) Trichlorofluoromethane	2.134	101	746625	21.186	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	444832	21.469	ug/L	99
12) 1,1-Dichloroethene	2.575	96	441957	20.912	ug/L	97
13) Acetone	2.636	43	633361	188.253	ug/L	100
14) Carbon disulfide	2.787	76	1429725	20.986	ug/L	99
15) Methyl Acetate	2.951	43	167099	18.971	ug/L	94
16) Methylene chloride	3.041	84	509601	14.721	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	1037263	21.404	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	478903	21.114	ug/L	99
19) 1,1-Dichloroethane	3.864	63	860014	20.557	ug/L	99
21) 2-Butanone	4.703	43	1127510	214.000	ug/L	98
22) cis-1,2-Dichloroethene	4.661	96	533800	21.269	ug/L	98
23) Bromochloromethane	4.973	128	235150	20.039	ug/L	96
25) Chloroform	5.086	83	876761	20.202	ug/L	99
27) 1,2-Dichloroethane	5.790	62	525014	19.657	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	705002	21.406	ug/L	99
30) Cyclohexane	5.385	56	772568	25.475	ug/L	99
31) Carbon tetrachloride	5.523	117	605802	21.507	ug/L	99
33) Benzene	5.771	78	2032271	21.230	ug/L	100
34) Trichloroethene	6.539	95	496402	21.488	ug/L	99
35) Methylcyclohexane	6.761	83	840475	26.313	ug/L	98
37) 1,2-Dichloropropane	6.787	63	519461	21.098	ug/L	99
38) Bromodichloromethane	7.102	83	626152	20.821	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	729931	23.109	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	2808419	227.416	ug/L	99
42) Toluene	7.967	91	2194828	22.326	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	607215	23.003	ug/L	100

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45) 1,1,2-Trichloroethane	8.398	97	370444	20.532	ug/L	100
47) Tetrachloroethene	8.552	164	384518	21.734	ug/L	96
48) 2-Hexanone	8.680	43	2007344	219.599	ug/L	98
49) Dibromochloromethane	8.809	129	429154	20.822	ug/L	100
50) 1,2-Dibromoethane	8.922	107	346577	21.292	ug/L	97
51) Chlorobenzene	9.446	112	1327226	21.451	ug/L	99
52) Ethylbenzene	9.568	91	2298965	24.236	ug/L	99
53) m,p-Xylene	9.690	106	900592	24.444	ug/L	99
54) o-Xylene	10.098	106	875686	24.319	ug/L	99
55) Styrene	10.111	104	1508575	25.060	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	456833	20.421	ug/L	99
59) Bromoform	10.288	173	238678	19.454	ug/L	99
60) Isopropylbenzene	10.481	105	2277518	23.495	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	317066	18.465	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	645439	24.733	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	1929119	25.637	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	1016939	21.073	ug/L	100
65) 1,4-Dichlorobenzene	11.831	146	1010234	20.879	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	961389	20.452	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	69493	19.655	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	746399	21.699	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	609175	23.069	ug/L	98
71) Naphthalene	14.082	128	1190388	24.149	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	595614	22.336	ug/L	100

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

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