

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051216.D
 Acq On : 07 Oct 2022 12:50
 Operator : JC/MD
 Sample : VSTD01059
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010059

Quant Time: Oct 08 00:25:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:22:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	254584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	259550	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	131876	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	195291	9.575	ug/L	0.00
7) Chloroethane-d5	1.909	69	159939	9.381	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	75682	8.476	ug/L	0.00
20) 2-Butanone-d5	4.633	46	466913	67.885	ug/L	0.00
24) Chloroform-d	5.060	84	358823	8.120	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	176041	6.889	ug/L	0.00
32) Benzene-d6	5.726	84	712480	8.354	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	232661	7.952	ug/L	0.00
41) Toluene-d8	7.896	98	669699	8.908	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	81022	7.714	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	321190	78.704	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	186308	7.610	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	213833	8.132	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	214950	8.598	ug/L	100
3) Chloromethane	1.520	50	282052	8.776	ug/L	98
5) Vinyl chloride	1.601	62	293205	10.725	ug/L	97
6) Bromomethane	1.855	94	163391	10.948	ug/L	100
8) Chloroethane	1.932	64	180609	11.181	ug/L	100
9) Trichlorofluoromethane	2.134	101	335756	10.187	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	198577	11.895	ug/L	99
12) 1,1-Dichloroethene	2.575	96	184975	11.017	ug/L	97
13) Acetone	2.652	43	354482	82.843	ug/L	99
14) Carbon disulfide	2.787	76	569131	10.988	ug/L	99
15) Methyl Acetate	2.954	43	92178	8.643	ug/L	100
16) Methylene chloride	3.041	84	234775	6.395	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	463696	8.933	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	198421	10.326	ug/L	100
19) 1,1-Dichloroethane	3.867	63	410348	9.932	ug/L	99
21) 2-Butanone	4.713	43	611622	85.984	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	228391	10.375	ug/L	99
23) Bromochloromethane	4.973	128	104427	10.346	ug/L	98
25) Chloroform	5.086	83	416280	9.505	ug/L	100
27) 1,2-Dichloroethane	5.793	62	258757	8.778	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	324012	9.297	ug/L	99
30) Cyclohexane	5.388	56	310617	11.127	ug/L	98
31) Carbon tetrachloride	5.523	117	277436	9.794	ug/L	98
33) Benzene	5.771	78	937263	10.149	ug/L	100
34) Trichloroethene	6.539	95	223272	10.029	ug/L	97
35) Methylcyclohexane	6.761	83	318309	11.670	ug/L	97
37) 1,2-Dichloropropane	6.790	63	252108	9.639	ug/L	99
38) Bromodichloromethane	7.105	83	295419	9.100	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	311585	9.263	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	1507490	86.210	ug/L	99
42) Toluene	7.967	91	986948	10.674	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	278739	9.500	ug/L	98

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45) 1,1,2-Trichloroethane	8.398	97	174751	9.333	ug/L	98
47) Tetrachloroethene	8.552	164	158062	10.335	ug/L	99
48) 2-Hexanone	8.684	43	1122719	85.854	ug/L	99
49) Dibromochloromethane	8.809	129	196615	9.483	ug/L	100
50) 1,2-Dibromoethane	8.922	107	160537	9.704	ug/L	98
51) Chlorobenzene	9.446	112	582350	9.910	ug/L	99
52) Ethylbenzene	9.568	91	965807	10.398	ug/L	99
53) m,p-Xylene	9.694	106	375951	10.875	ug/L	98
54) o-Xylene	10.099	106	364868	10.779	ug/L	100
55) Styrene	10.112	104	646363	11.145	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	216554	9.066	ug/L	98
59) Bromoform	10.288	173	105218	9.355	ug/L	99
60) Isopropylbenzene	10.485	105	934807	10.972	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	163860	9.542	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	232575	3.743	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	742984	10.859	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	423017	9.969	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	415263	9.863	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	409811	9.756	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	34169	9.054	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	285258	9.201	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	220375	8.628	ug/L	98
71) Naphthalene	14.086	128	434629	8.798	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	233470	9.444	ug/L	99

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

