

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051217.D
 Acq On : 07 Oct 2022 13:14
 Operator : JC/MD
 Sample : VSTD02060
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020060

Quant Time: Oct 08 00:26:06 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	275239	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	281494	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	145850	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	392985	17.822	ug/L	0.00
7) Chloroethane-d5	1.900	69	330588	17.936	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.559	65	155751	16.135	ug/L	0.00
20) 2-Butanone-d5	4.620	46	1000545	134.554	ug/L	-0.02
24) Chloroform-d	5.060	84	740646	15.503	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	364587	13.196	ug/L	0.00
32) Benzene-d6	5.723	84	1494209	16.154	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	488378	15.390	ug/L	0.00
41) Toluene-d8	7.896	98	1419197	17.406	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	175995	15.450	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	753769	170.304	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	386118	14.542	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	471452	16.211	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	447216	16.547	ug/L	99
3) Chloromethane	1.520	50	586773	16.887	ug/L	99
5) Vinyl chloride	1.601	62	617764	20.901	ug/L	97
6) Bromomethane	1.842	94	299569	18.566	ug/L	99
8) Chloroethane	1.922	64	381294	21.833	ug/L	100
9) Trichlorofluoromethane	2.131	101	698796	19.611	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	406983	22.550	ug/L	100
12) 1,1-Dichloroethene	2.572	96	403561	22.232	ug/L	99
13) Acetone	2.626	43	723092	156.305	ug/L	97
14) Carbon disulfide	2.787	76	1232090	22.002	ug/L	99
15) Methyl Acetate	2.948	43	193157	16.753	ug/L	99
16) Methylene chloride	3.041	84	493450	12.433	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	1068940	19.048	ug/L	98
18) trans-1,2-Dichloroethene	3.347	96	439573	21.158	ug/L	98
19) 1,1-Dichloroethane	3.864	63	888636	19.895	ug/L	99
21) 2-Butanone	4.700	43	1327004	172.556	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	520092	21.854	ug/L	98
23) Bromochloromethane	4.970	128	225718	20.685	ug/L	98
25) Chloroform	5.086	83	902274	19.056	ug/L	98
27) 1,2-Dichloroethane	5.790	62	552437	17.334	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	705102	18.654	ug/L	98
30) Cyclohexane	5.385	56	711898	23.514	ug/L	97
31) Carbon tetrachloride	5.520	117	595621	19.388	ug/L	98
33) Benzene	5.771	78	2022422	20.192	ug/L	100
34) Trichloroethene	6.539	95	493510	20.439	ug/L	99
35) Methylcyclohexane	6.761	83	736485	24.897	ug/L	95
37) 1,2-Dichloropropane	6.787	63	548728	19.344	ug/L	98
38) Bromodichloromethane	7.102	83	647647	18.395	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	733438	20.105	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	3339704	176.101	ug/L	98
42) Toluene	7.967	91	2147403	21.415	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	627257	19.713	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	375963	18.514	ug/L	98
47) Tetrachloroethene	8.552	164	340688	20.539	ug/L	98
48) 2-Hexanone	8.684	43	2431254	171.424	ug/L	98
49) Dibromochloromethane	8.809	129	435992	19.389	ug/L	99
50) 1,2-Dibromoethane	8.922	107	353053	19.677	ug/L	96
51) Chlorobenzene	9.446	112	1303986	20.461	ug/L	99
52) Ethylbenzene	9.568	91	2252050	22.356	ug/L	98
53) m,p-Xylene	9.690	106	867533	23.138	ug/L	99
54) o-Xylene	10.099	106	849545	23.141	ug/L	99
55) Styrene	10.112	104	1475287	23.454	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	471075	18.183	ug/L	99
59) Bromoform	10.288	173	237163	19.065	ug/L	100
60) Isopropylbenzene	10.481	105	2173452	23.066	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	344912	18.161	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	588056	8.558	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	1813555	23.966	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	948098	20.203	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	934119	20.061	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	924255	19.895	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	77898	18.663	ug/L	94
69) 1,3,5-Trichlorobenzene	13.218	180	655093	19.105	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	549632	19.457	ug/L	98
71) Naphthalene	14.082	128	1219010	22.312	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	574799	21.023	ug/L	99

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

