

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051906.D
 Acq On : 18 Nov 2022 15:33
 Operator : JC/MD
 Sample : VSTD00570
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005070

Quant Time: Nov 18 22:00:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 21:59:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	255811	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	255535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	131677	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	131087	5.268	ug/L	0.00
7) Chloroethane-d5	1.913	69	98965	5.121	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	44719	5.014	ug/L	0.00
20) 2-Butanone-d5	4.636	46	241870	53.278	ug/L	0.00
24) Chloroform-d	5.064	84	190163	5.201	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	92594	5.014	ug/L	0.00
32) Benzene-d6	5.726	84	401196	5.288	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	122017	5.197	ug/L	0.00
41) Toluene-d8	7.896	98	368999	5.376	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	44643	5.218	ug/L	0.00
46) 2-Hexanone-d5	8.633	63	201831	55.666	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	105182	5.167	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	122469	4.858	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	113238	5.104	ug/L	100
3) Chloromethane	1.523	50	147775	5.104	ug/L	100
5) Vinyl chloride	1.604	62	143312	5.151	ug/L	100
6) Bromomethane	1.858	94	71241	4.990	ug/L	100
8) Chloroethane	1.935	64	85493	4.942	ug/L	100
9) Trichlorofluoromethane	2.138	101	155562	5.083	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	94599	5.056	ug/L	100
12) 1,1-Dichloroethene	2.578	96	95570	5.150	ug/L	100
13) Acetone	2.649	43	167636	54.733	ug/L	100
14) Carbon disulfide	2.794	76	327080	5.092	ug/L	100
15) Methyl Acetate	2.958	43	40580	5.108	ug/L	100
16) Methylene chloride	3.044	84	119101	4.744	ug/L	100
17) Methyl tert-butyl Ether	3.363	73	213474	5.139	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	100922	5.073	ug/L	100
19) 1,1-Dichloroethane	3.867	63	184848	5.156	ug/L	100
21) 2-Butanone	4.716	43	264645	53.930	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	109000	5.221	ug/L	100
23) Bromochloromethane	4.973	128	52021	5.208	ug/L	100
25) Chloroform	5.086	83	189407	5.214	ug/L	100
27) 1,2-Dichloroethane	5.793	62	114093	5.128	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	148207	5.228	ug/L	100
30) Cyclohexane	5.385	56	141530	5.141	ug/L	100
31) Carbon tetrachloride	5.523	117	126477	5.250	ug/L	100
33) Benzene	5.771	78	439205	5.281	ug/L	100
34) Trichloroethene	6.539	95	105676	5.095	ug/L	100
35) Methylcyclohexane	6.761	83	152317	5.105	ug/L	100
37) 1,2-Dichloropropane	6.790	63	113183	5.256	ug/L	100
38) Bromodichloromethane	7.105	83	136148	5.186	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	143995	5.209	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	617585	54.909	ug/L	100
42) Toluene	7.967	91	464327	5.428	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	124527	5.260	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	84752	5.238	ug/L	100
47) Tetrachloroethene	8.552	164	82667	5.200	ug/L	100
48) 2-Hexanone	8.684	43	465949	56.225	ug/L	100
49) Dibromochloromethane	8.809	129	96427	5.321	ug/L	100
50) 1,2-Dibromoethane	8.922	107	77157	5.235	ug/L	100
51) Chlorobenzene	9.443	112	281343	5.159	ug/L	100
52) Ethylbenzene	9.568	91	443021	5.327	ug/L	100
53) m,p-Xylene	9.690	106	179706	5.580	ug/L	100
54) o-Xylene	10.099	106	170742	5.532	ug/L	100
55) Styrene	10.112	104	295187	5.662	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	107681	5.328	ug/L	100
59) Bromoform	10.288	173	54892	5.061	ug/L	100
60) Isopropylbenzene	10.481	105	434225	5.250	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	74658	4.954	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	341291	5.162	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	342277	5.215	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	213104	5.046	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	213510	5.069	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	204811	5.036	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	15784	4.786	ug/L	100
69) 1,3,5-Trichlorobenzene	13.218	180	145066	4.844	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	105881	4.643	ug/L	100
71) Naphthalene	14.086	128	187289	4.374	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	106595	4.751	ug/L	100

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

