

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051907.D
 Acq On : 18 Nov 2022 15:58
 Operator : JC/MD
 Sample : VSTD01071
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010071

Quant Time: Nov 18 22:01:01 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	270318	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	262616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	136263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	282412	10.740	ug/L	0.00
7) Chloroethane-d5	1.912	69	215822	10.568	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	100715	10.686	ug/L	0.00
20) 2-Butanone-d5	4.626	46	518096	107.999	ug/L	0.00
24) Chloroform-d	5.060	84	402267	10.412	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	195469	10.017	ug/L	0.00
32) Benzene-d6	5.726	84	856521	10.986	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	259715	10.764	ug/L	0.00
41) Toluene-d8	7.896	98	790384	11.205	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	99085	11.269	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	459113	123.211	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	222031	10.613	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	264377	10.134	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	242978	10.364	ug/L	100
3) Chloromethane	1.523	50	296385	9.687	ug/L	98
5) Vinyl chloride	1.604	62	300532	10.223	ug/L	100
6) Bromomethane	1.858	94	148748	9.860	ug/L	99
8) Chloroethane	1.935	64	181979	9.955	ug/L	97
9) Trichlorofluoromethane	2.137	101	326491	10.095	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	204311	10.333	ug/L	99
12) 1,1-Dichloroethene	2.578	96	199973	10.198	ug/L	99
13) Acetone	2.639	43	322490	99.643	ug/L	100
14) Carbon disulfide	2.793	76	679808	10.014	ug/L	99
15) Methyl Acetate	2.951	43	81194	9.672	ug/L	98
16) Methylene chloride	3.044	84	231982	8.744	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	448118	10.208	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	213118	10.139	ug/L	97
19) 1,1-Dichloroethane	3.867	63	379967	10.029	ug/L	100
21) 2-Butanone	4.706	43	552382	106.524	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	229987	10.425	ug/L	98
23) Bromochloromethane	4.973	128	105056	9.953	ug/L	95
25) Chloroform	5.086	83	386265	10.062	ug/L	96
27) 1,2-Dichloroethane	5.793	62	233277	9.921	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	305629	10.489	ug/L	99
30) Cyclohexane	5.388	56	330386	11.678	ug/L	99
31) Carbon tetrachloride	5.523	117	263067	10.626	ug/L	99
33) Benzene	5.771	78	914525	10.700	ug/L	100
34) Trichloroethene	6.539	95	217349	10.196	ug/L	96
35) Methylcyclohexane	6.761	83	362136	11.809	ug/L	97
37) 1,2-Dichloropropane	6.790	63	226266	10.225	ug/L	99
38) Bromodichloromethane	7.102	83	277542	10.287	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	312929	11.014	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	1310330	113.358	ug/L	99
42) Toluene	7.967	91	972396	11.061	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	264908	10.888	ug/L	96

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45) 1,1,2-Trichloroethane	8.398	97	168917	10.158	ug/L	99
47) Tetrachloroethene	8.552	164	171419	10.492	ug/L	97
48) 2-Hexanone	8.681	43	953672	111.974	ug/L	99
49) Dibromochloromethane	8.806	129	191546	10.285	ug/L	96
50) 1,2-Dibromoethane	8.922	107	158383	10.456	ug/L	98
51) Chlorobenzene	9.446	112	584373	10.426	ug/L	99
52) Ethylbenzene	9.568	91	977197	11.433	ug/L	100
53) m,p-Xylene	9.690	106	391535	11.830	ug/L	98
54) o-Xylene	10.099	106	374751	11.814	ug/L	100
55) Styrene	10.111	104	650046	12.133	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	217226	10.459	ug/L	99
59) Bromoform	10.288	173	110931	9.884	ug/L	98
60) Isopropylbenzene	10.481	105	961881	11.238	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	147759	9.475	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	799230	11.681	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	812302	11.960	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	449089	10.276	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	446263	10.239	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	431037	10.242	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	31289	9.168	ug/L	99
69) 1,3,5-Trichlorobenzene	13.214	180	317531	10.246	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	248444	10.528	ug/L	99
71) Naphthalene	14.082	128	472911	10.674	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	247372	10.654	ug/L	99

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

