

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050058.D
 Acq On : 04 Aug 2022 10:59
 Operator : SY/MD
 Sample : VSTD00151
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001051

Quant Time: Aug 05 04:28:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:27:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	104341	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	102983	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43891	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	9103	1.048	ug/L	0.00
7) Chloroethane-d5	1.912	69	7295	1.041	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	3371	0.993	ug/L	0.00
20) 2-Butanone-d5	4.652	46	19359	9.142	ug/L	0.00
24) Chloroform-d	5.063	84	16364	1.013	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	8212	0.990	ug/L	0.00
32) Benzene-d6	5.729	84	31315	0.974	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	10138	0.958	ug/L	0.00
41) Toluene-d8	7.899	98	26924	0.949	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	3719	0.981	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	11373	8.457	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	9536	1.026	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	8596	1.000	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	10005	1.046	ug/L	98
3) Chloromethane	1.520	50	13334	1.066	ug/L	95
5) Vinyl chloride	1.601	62	11472	1.023	ug/L	100
6) Bromomethane	1.858	94	7660	1.070	ug/L	97
8) Chloroethane	1.932	64	7051	1.067	ug/L	100
9) Trichlorofluoromethane	2.138	101	12617	1.028	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	6783	0.993	ug/L	97
12) 1,1-Dichloroethene	2.575	96	7436	1.031	ug/L	90
13) Acetone	2.649	43	10804	9.162	ug/L	88
14) Carbon disulfide	2.787	76	26980	1.047	ug/L	97
15) Methyl Acetate	2.961	43	3375	1.048	ug/L	93
16) Methylene chloride	3.041	84	12341	1.120	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	19202	1.020	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	8324	1.031	ug/L	91
19) 1,1-Dichloroethane	3.867	63	16046	1.049	ug/L	97
21) 2-Butanone	4.729	43	18723	8.829	ug/L	92
22) cis-1,2-Dichloroethene	4.668	96	9241	1.031	ug/L	99
23) Bromochloromethane	4.973	128	4437	1.036	ug/L	99
25) Chloroform	5.089	83	17202	1.055	ug/L	100
27) 1,2-Dichloroethane	5.800	62	10286	1.037	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	12791	1.012	ug/L	98
30) Cyclohexane	5.385	56	10139	0.921	ug/L	96
31) Carbon tetrachloride	5.520	117	10560	1.020	ug/L	98
33) Benzene	5.774	78	36259	1.005	ug/L	100
34) Trichloroethene	6.543	95	8925	1.023	ug/L	96
35) Methylcyclohexane	6.761	83	10277	0.912	ug/L	97
37) 1,2-Dichloropropane	6.793	63	9678	1.007	ug/L	99
38) Bromodichloromethane	7.108	83	12002	1.028	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	11836	0.944	ug/L	91
40) 4-Methyl-2-pentanone	7.796	43	53991	9.699	ug/L	96
42) Toluene	7.970	91	36166	0.999	ug/L	95
44) trans-1,3-Dichloropropene	8.211	75	10317	0.959	ug/L	97

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45) 1,1,2-Trichloroethane	8.401	97	7251	1.009	ug/L	96
47) Tetrachloroethene	8.555	164	6271	1.003	ug/L	92
48) 2-Hexanone	8.690	43	41270	9.585	ug/L	97
49) Dibromochloromethane	8.809	129	8190	1.030	ug/L	96
50) 1,2-Dibromoethane	8.925	107	6512	1.000	ug/L #	92
51) Chlorobenzene	9.449	112	23351	1.026	ug/L	99
52) Ethylbenzene	9.571	91	33408	0.946	ug/L	100
53) m,p-Xylene	9.694	106	11743	0.903	ug/L	97
54) o-Xylene	10.099	106	11736	0.904	ug/L	93
55) Styrene	10.115	104	18424	0.850	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.784	83	10042	1.064	ug/L	96
59) Bromoform	10.292	173	4826	1.096	ug/L	98
60) Isopropylbenzene	10.484	105	28869	0.985	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	6512	1.089	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	7913	0.955	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	20449	0.906	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	14949	1.012	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	14876	1.035	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	15011	1.049	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.996	75	1246	1.063	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	11144	1.059	ug/L	95
70) 1,2,4-trichlorobenzene	13.841	180	7901	0.991	ug/L	98
71) Naphthalene	14.089	128	14326	0.876	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	7834	0.969	ug/L	94

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

