

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053837.D
 Acq On : 24 Apr 2023 12:15
 Operator : JC/MD
 Sample : VSTD01022
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010022

Quant Time: Apr 25 04:23:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 25 04:21:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	144132	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	137443	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	76612	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	92999	9.759	ug/L	0.00
7) Chloroethane-d5	1.916	69	77129	9.074	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	38350	9.613	ug/L	0.00
20) 2-Butanone-d5	4.629	46	181268	86.830	ug/L	0.00
24) Chloroform-d	5.060	84	179350	10.185	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	82735	9.316	ug/L	0.00
32) Benzene-d6	5.722	84	352306	9.418	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	107377	9.514	ug/L	0.00
41) Toluene-d8	7.893	98	334060	9.536	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	42882	9.871	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	159402	93.247	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	82293	8.937	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	121679	9.436	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	115473	11.039	ug/L	95
3) Chloromethane	1.520	50	111795	10.714	ug/L	99
5) Vinyl chloride	1.604	62	133802	11.265	ug/L	98
6) Bromomethane	1.861	94	84536	11.156	ug/L	91
8) Chloroethane	1.935	64	78704	11.412	ug/L	97
9) Trichlorofluoromethane	2.141	101	194226	11.013	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	114364	12.439	ug/L	99
12) 1,1-Dichloroethene	2.581	96	99321	11.934	ug/L	98
13) Acetone	2.649	43	142251	107.765	ug/L	100
14) Carbon disulfide	2.793	76	277552	11.457	ug/L	100
15) Methyl Acetate	2.954	43	30032	9.746	ug/L	95
16) Methylene chloride	3.044	84	117108	10.599	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	219341	11.081	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	100849	11.719	ug/L	98
19) 1,1-Dichloroethane	3.867	63	183331	11.560	ug/L	99
21) 2-Butanone	4.710	43	214405	104.739	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	115085	10.005	ug/L	97
23) Bromochloromethane	4.970	128	51172	12.188	ug/L	96
25) Chloroform	5.083	83	199983	12.124	ug/L	99
27) 1,2-Dichloroethane	5.790	62	115833	11.439	ug/L	96
29) 1,1,1-Trichloroethane	5.311	97	172495	12.354	ug/L	99
30) Cyclohexane	5.385	56	156565	10.850	ug/L	99
31) Carbon tetrachloride	5.520	117	152239	12.608	ug/L	98
33) Benzene	5.771	78	427207	11.327	ug/L	100
34) Trichloroethene	6.536	95	117163	11.631	ug/L	98
35) Methylcyclohexane	6.758	83	188076	11.156	ug/L	99
37) 1,2-Dichloropropane	6.787	63	106611	10.873	ug/L	99
38) Bromodichloromethane	7.102	83	134004	12.074	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	167778	11.653	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	491428	105.049	ug/L	99
42) Toluene	7.964	91	465955	11.362	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	133496	11.397	ug/L	98

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45) 1,1,2-Trichloroethane	8.394	97	79188	11.263	ug/L	95
47) Tetrachloroethene	8.549	164	93362	12.383	ug/L	98
48) 2-Hexanone	8.681	43	367852	107.005	ug/L	98
49) Dibromochloromethane	8.806	129	87465	12.418	ug/L	98
50) 1,2-Dibromoethane	8.918	107	76950	11.443	ug/L	97
51) Chlorobenzene	9.443	112	305183	11.783	ug/L	99
52) Ethylbenzene	9.565	91	513141	11.543	ug/L	98
53) m,p-Xylene	9.690	106	201737	11.892	ug/L	97
54) o-Xylene	10.095	106	192897	11.961	ug/L	96
55) Styrene	10.111	104	325625	12.259	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	96068	11.075	ug/L	97
59) Bromoform	10.285	173	48054	11.916	ug/L	98
60) Isopropylbenzene	10.478	105	523903	11.279	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	62934	10.144	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	432452	11.540	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	441375	11.520	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	247594	11.870	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	241870	11.578	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	224129	11.454	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	13477	11.040	ug/L	95
69) 1,3,5-Trichlorobenzene	13.214	180	177488	12.141	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	151920	13.109	ug/L	98
71) Naphthalene	14.082	128	257542	12.067	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	135959	13.435	ug/L	98

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

