

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053838.D
 Acq On : 24 Apr 2023 12:39
 Operator : JC/MD
 Sample : VSTD02023
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020023

Quant Time: Apr 25 04:23:56 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	154086	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	150751	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	86538	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	189352	18.586	ug/L	0.00
7) Chloroethane-d5	1.916	69	156878	17.265	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	79830	18.718	ug/L	0.00
20) 2-Butanone-d5	4.629	46	375334	168.176	ug/L	0.00
24) Chloroform-d	5.057	84	364475	19.361	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	168279	17.724	ug/L	0.00
32) Benzene-d6	5.723	84	718818	17.520	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	217738	17.589	ug/L	0.00
41) Toluene-d8	7.893	98	686684	17.871	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	91172	19.135	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	347902	185.550	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	175953	17.421	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	259557	17.820	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	245770	21.977	ug/L	97
3) Chloromethane	1.520	50	228164	20.454	ug/L	98
5) Vinyl chloride	1.604	62	276591	21.783	ug/L	97
6) Bromomethane	1.861	94	178918	22.087	ug/L	95
8) Chloroethane	1.935	64	162354	22.021	ug/L	98
9) Trichlorofluoromethane	2.138	101	402789	21.363	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	234051	23.813	ug/L	99
12) 1,1-Dichloroethene	2.578	96	207793	23.355	ug/L	95
13) Acetone	2.649	43	286576	203.077	ug/L	97
14) Carbon disulfide	2.790	76	585553	22.610	ug/L	99
15) Methyl Acetate	2.954	43	63860	19.385	ug/L	95
16) Methylene chloride	3.044	84	226548	19.180	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	477061	22.544	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	211425	22.981	ug/L	93
19) 1,1-Dichloroethane	3.864	63	382560	22.565	ug/L	98
21) 2-Butanone	4.710	43	444237	202.996	ug/L	96
22) cis-1,2-Dichloroethene	4.662	96	239155	19.447	ug/L	97
23) Bromochloromethane	4.970	128	105295	23.459	ug/L	96
25) Chloroform	5.083	83	415944	23.587	ug/L	100
27) 1,2-Dichloroethane	5.787	62	235457	21.751	ug/L	97
29) 1,1,1-Trichloroethane	5.311	97	358352	23.398	ug/L	98
30) Cyclohexane	5.385	56	340000	21.483	ug/L	99
31) Carbon tetrachloride	5.520	117	321121	24.247	ug/L	98
33) Benzene	5.771	78	888400	21.476	ug/L	100
34) Trichloroethene	6.536	95	249876	22.616	ug/L	98
35) Methylcyclohexane	6.758	83	404761	21.890	ug/L	98
37) 1,2-Dichloropropane	6.784	63	227858	21.187	ug/L	99
38) Bromodichloromethane	7.102	83	281852	23.154	ug/L	100
39) cis-1,3-Dichloropropene	7.600	75	359987	22.796	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	1055422	205.693	ug/L	99
42) Toluene	7.964	91	976354	21.706	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	292139	22.739	ug/L	98

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45) 1,1,2-Trichloroethane	8.395	97	169169	21.937	ug/L	98
47) Tetrachloroethene	8.549	164	192683	23.300	ug/L	98
48) 2-Hexanone	8.681	43	785139	208.228	ug/L	98
49) Dibromochloromethane	8.806	129	189050	24.470	ug/L	100
50) 1,2-Dibromoethane	8.919	107	163571	22.178	ug/L #	100
51) Chlorobenzene	9.443	112	642731	22.624	ug/L	99
52) Ethylbenzene	9.565	91	1106346	22.691	ug/L	99
53) m,p-Xylene	9.690	106	431940	23.214	ug/L	97
54) o-Xylene	10.095	106	421737	23.841	ug/L	97
55) Styrene	10.108	104	707100	24.272	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	200451	21.068	ug/L	99
59) Bromoform	10.285	173	106460	23.372	ug/L	98
60) Isopropylbenzene	10.481	105	1135123	21.634	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	133211	19.008	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	952879	22.512	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	982680	22.706	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	531934	22.576	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	535077	22.676	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	497205	22.494	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	30706	22.269	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	394970	23.919	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	345383	26.384	ug/L	99
71) Naphthalene	14.082	128	608406	25.237	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	301810	26.403	ug/L	98

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

