

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060723\
 Data File : VU054407.D
 Acq On : 07 Jun 2023 12:30
 Operator : MD/SY
 Sample : VSTD00533
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005033

Quant Time: Jun 08 01:05:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 08 01:03:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	361698	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	337635	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	181287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	111118	4.827	ug/L	0.00
7) Chloroethane-d5	1.914	69	100992	4.686	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.567	65	48934	4.760	ug/L	0.00
20) 2-Butanone-d5	4.631	46	325365	50.273	ug/L	0.00
24) Chloroform-d	5.059	84	235259	4.889	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	114627	4.887	ug/L	0.00
32) Benzene-d6	5.724	84	452423	4.820	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	153173	4.887	ug/L	0.00
41) Toluene-d8	7.894	98	410901	4.933	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	52645	4.830	ug/L	0.00
46) 2-Hexanone-d5	8.628	63	234307	51.238	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	114395	4.894	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	147030	4.808	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	191716	5.673	ug/L	100
3) Chloromethane	1.518	50	214534	5.526	ug/L	100
5) Vinyl chloride	1.605	62	221351	5.555	ug/L	100
6) Bromomethane	1.859	94	121055	5.525	ug/L	100
8) Chloroethane	1.933	64	131098	5.488	ug/L	100
9) Trichlorofluoromethane	2.136	101	275331	5.620	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	162387	5.666	ug/L	100
12) 1,1-Dichloroethene	2.580	96	148810	5.672	ug/L	100
13) Acetone	2.644	43	351836	57.657	ug/L	100
14) Carbon disulfide	2.792	76	435247	5.595	ug/L	100
15) Methyl Acetate	2.956	43	64514	5.705	ug/L	100
16) Methylene chloride	3.043	84	171995	4.662	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	370658	5.724	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	150752	5.566	ug/L	100
19) 1,1-Dichloroethane	3.866	63	317938	5.672	ug/L	100
21) 2-Butanone	4.708	43	474697	56.681	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	173042	5.610	ug/L	100
23) Bromochloromethane	4.968	128	72721	5.666	ug/L	100
25) Chloroform	5.081	83	315736	5.713	ug/L	100
27) 1,2-Dichloroethane	5.788	62	182527	5.635	ug/L	100
29) 1,1,1-Trichloroethane	5.313	97	262492	5.733	ug/L	100
30) Cyclohexane	5.383	56	282447	5.664	ug/L	100
31) Carbon tetrachloride	5.518	117	225073	5.705	ug/L	100
33) Benzene	5.769	78	680389	5.607	ug/L	100
34) Trichloroethene	6.538	95	178966	5.577	ug/L	100
35) Methylcyclohexane	6.759	83	269915	5.565	ug/L	100
37) 1,2-Dichloropropane	6.785	63	184597	5.626	ug/L	100
38) Bromodichloromethane	7.100	83	209421	5.639	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	260528	5.816	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	1027424	58.681	ug/L	100
42) Toluene	7.965	91	726298	5.812	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	211165	5.809	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	121720	5.832	ug/L	100
47) Tetrachloroethene	8.547	164	132815	5.407	ug/L	100
48) 2-Hexanone	8.679	43	765552	58.681	ug/L	100
49) Dibromochloromethane	8.804	129	126013	5.750	ug/L	100
50) 1,2-Dibromoethane	8.920	107	109915	5.736	ug/L	100
51) Chlorobenzene	9.441	112	436025	5.598	ug/L	100
52) Ethylbenzene	9.566	91	778597	5.705	ug/L	100
53) m,p-Xylene	9.689	106	294468	5.873	ug/L	100
54) o-Xylene	10.097	106	283316	5.844	ug/L	100
55) Styrene	10.110	104	487393	5.989	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	150786	5.687	ug/L	100
59) Bromoform	10.287	173	73784	5.669	ug/L	100
60) Isopropylbenzene	10.480	105	769328	5.801	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	104056	5.680	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	633425	5.854	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	641042	5.833	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	354149	5.713	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	348595	5.603	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	324089	5.684	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	22199	5.514	ug/L	100
69) 1,3,5-Trichlorobenzene	13.213	180	259186	5.542	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	210430	5.441	ug/L	100
71) Naphthalene	14.081	128	332749	5.291	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	183467	5.522	ug/L	100

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

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