

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060723\
 Data File : VU054408.D
 Acq On : 07 Jun 2023 12:52
 Operator : MD/SY
 Sample : VSTD01034
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010034

Quant Time: Jun 08 01:05:33 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	317977	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	298132	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	164771	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	214115	10.581	ug/L	0.00
7) Chloroethane-d5	1.914	69	197886	10.444	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	96161	10.639	ug/L	0.00
20) 2-Butanone-d5	4.628	46	630553	110.825	ug/L	0.00
24) Chloroform-d	5.059	84	457450	10.815	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	218089	10.577	ug/L	0.00
32) Benzene-d6	5.721	84	882556	10.649	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	295644	10.682	ug/L	0.00
41) Toluene-d8	7.891	98	808820	10.997	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	105690	10.981	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	455255	112.747	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	220652	10.691	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	286786	10.319	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	315671	10.625	ug/L	99
3) Chloromethane	1.518	50	356602	10.448	ug/L	97
5) Vinyl chloride	1.602	62	370028	10.562	ug/L	99
6) Bromomethane	1.859	94	199505	10.358	ug/L	98
8) Chloroethane	1.933	64	213467	10.166	ug/L	99
9) Trichlorofluoromethane	2.136	101	454148	10.545	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	272594	10.819	ug/L	100
12) 1,1-Dichloroethene	2.576	96	243763	10.569	ug/L	88
13) Acetone	2.644	43	491683	91.654	ug/L	99
14) Carbon disulfide	2.792	76	727413	10.636	ug/L	100
15) Methyl Acetate	2.952	43	105711	10.634	ug/L	99
16) Methylene chloride	3.043	84	278491	8.587	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	617905	10.854	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	252832	10.618	ug/L	97
19) 1,1-Dichloroethane	3.866	63	526355	10.681	ug/L	99
21) 2-Butanone	4.705	43	739818	100.484	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	289129	10.663	ug/L	98
23) Bromochloromethane	4.968	128	121035	10.726	ug/L	97
25) Chloroform	5.081	83	512971	10.559	ug/L	99
27) 1,2-Dichloroethane	5.788	62	300614	10.556	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	431174	10.665	ug/L	99
30) Cyclohexane	5.383	56	485433	11.024	ug/L	99
31) Carbon tetrachloride	5.518	117	371328	10.660	ug/L	100
33) Benzene	5.769	78	1153974	10.770	ug/L	100
34) Trichloroethene	6.538	95	295643	10.434	ug/L	96
35) Methylcyclohexane	6.759	83	471903	11.019	ug/L	98
37) 1,2-Dichloropropane	6.785	63	309740	10.691	ug/L	99
38) Bromodichloromethane	7.100	83	351163	10.708	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	443246	11.206	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	1681728	108.778	ug/L	99
42) Toluene	7.965	91	1206239	10.932	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	356554	11.108	ug/L	99

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45) 1,1,2-Trichloroethane	8.393	97	196118	10.641	ug/L	99
47) Tetrachloroethene	8.547	164	222989	10.282	ug/L	99
48) 2-Hexanone	8.679	43	1225108	106.350	ug/L	99
49) Dibromochloromethane	8.804	129	208067	10.752	ug/L	96
50) 1,2-Dibromoethane	8.917	107	182082	10.761	ug/L	99
51) Chlorobenzene	9.441	112	736917	10.714	ug/L	100
52) Ethylbenzene	9.566	91	1333486	11.066	ug/L	99
53) m,p-Xylene	9.689	106	491362	11.099	ug/L	100
54) o-Xylene	10.094	106	480026	11.213	ug/L	97
55) Styrene	10.110	104	824237	11.471	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	244412	10.440	ug/L	100
59) Bromoform	10.283	173	122337	10.342	ug/L	99
60) Isopropylbenzene	10.480	105	1310285	10.870	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	167696	10.071	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	1098903	11.174	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	1121898	11.232	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	598386	10.621	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	589294	10.421	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	543055	10.480	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	38008	10.387	ug/L	98
69) 1,3,5-Trichlorobenzene	13.213	180	451852	10.629	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	380388	10.821	ug/L	100
71) Naphthalene	14.081	128	621875	10.880	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	325066	10.764	ug/L	98

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

