

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
 Data File : VU060353.D
 Acq On : 08 Aug 2024 12:49
 Operator : MD/SY
 Sample : VSTD02004
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020004

Quant Time: Aug 08 23:26:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:23:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	129303	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	131344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75011	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	212156	22.950	ug/L	0.00
7) Chloroethane-d5	1.911	69	191362	22.349	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	89160	24.234	ug/L	0.00
20) 2-Butanone-d5	4.627	46	501814	237.045	ug/L	0.00
24) Chloroform-d	5.052	84	420816	21.872	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	190517	21.457	ug/L	0.00
32) Benzene-d6	5.721	84	865208	24.156	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	270874	23.772	ug/L	0.00
41) Toluene-d8	7.891	98	815112	25.012	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	94678	24.617	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	463775	266.657	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	215444	21.488	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	299910	21.925	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	147691	15.996	ug/L	99
3) Chloromethane	1.518	50	175188	15.513	ug/L	98
5) Vinyl chloride	1.602	62	210002	16.546	ug/L	97
6) Bromomethane	1.856	94	145393	17.294	ug/L	98
8) Chloroethane	1.930	64	136807	16.353	ug/L	99
9) Trichlorofluoromethane	2.132	101	300340	18.474	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	196129	18.427	ug/L	99
12) 1,1-Dichloroethene	2.573	96	175812	18.186	ug/L	96
13) Acetone	2.647	43	333651	231.899	ug/L	99
14) Carbon disulfide	2.788	76	445586	16.271	ug/L	100
15) Methyl Acetate	2.952	43	66731	20.001	ug/L	93
16) Methylene chloride	3.039	84	203027	17.131	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	451357	20.285	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	181517	18.152	ug/L	100
19) 1,1-Dichloroethane	3.859	63	360165	18.815	ug/L	98
21) 2-Butanone	4.708	43	504623	227.018	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	223844	19.866	ug/L	96
23) Bromochloromethane	4.965	128	98180	17.906	ug/L	93
25) Chloroform	5.078	83	383116	18.151	ug/L	99
27) 1,2-Dichloroethane	5.785	62	208756	17.404	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	310328	19.265	ug/L	100
30) Cyclohexane	5.380	56	288966	22.628	ug/L	99
31) Carbon tetrachloride	5.518	117	270238	19.399	ug/L	99
33) Benzene	5.766	78	835773	19.686	ug/L	100
34) Trichloroethene	6.534	95	215911	19.106	ug/L	97
35) Methylcyclohexane	6.756	83	327334	22.357	ug/L	95
37) 1,2-Dichloropropane	6.782	63	225594	19.466	ug/L	99
38) Bromodichloromethane	7.097	83	271298	18.725	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	332685	21.969	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	1141059	219.572	ug/L	98
42) Toluene	7.962	91	921097	20.393	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	269665	21.187	ug/L	93

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45) 1,1,2-Trichloroethane	8.393	97	164573	18.636	ug/L	98
47) Tetrachloroethene	8.547	164	168144	18.301	ug/L	98
48) 2-Hexanone	8.679	43	887524	229.790	ug/L	98
49) Dibromochloromethane	8.804	129	186526	19.161	ug/L	97
50) 1,2-Dibromoethane	8.917	107	150180	18.805	ug/L	99
51) Chlorobenzene	9.441	112	590769	19.931	ug/L	97
52) Ethylbenzene	9.563	91	1020621	22.524	ug/L	100
53) m,p-Xylene	9.688	106	392212	22.391	ug/L	100
54) o-Xylene	10.094	106	384727	22.945	ug/L	99
55) Styrene	10.106	104	676156	23.675	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	211116	19.420	ug/L	98
59) Bromoform	10.283	173	114396	17.029	ug/L	99
60) Isopropylbenzene	10.476	105	1042222	21.529	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	139686	17.734	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	872443	23.496	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	875379	24.298	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	497224	19.223	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	495463	18.683	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	462188	18.632	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	29987	19.454	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	389028	19.941	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	327801	21.857	ug/L	100
71) Naphthalene	14.077	128	542681	25.243	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	291536	21.683	ug/L	98

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

