

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060776.D
 Acq On : 16 Sep 2024 12:05
 Operator : MD/SY
 Sample : VSTD01021
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010021

Quant Time: Sep 17 01:11:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:09:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	178085	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	186402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	96635	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	164816	12.573	ug/L	0.00
7) Chloroethane-d5	1.911	69	118648	9.960	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	59641	11.275	ug/L	0.00
20) 2-Butanone-d5	4.631	46	280500	108.922	ug/L	0.00
24) Chloroform-d	5.055	84	257174	10.154	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	120158	9.862	ug/L	0.00
32) Benzene-d6	5.718	84	531988	10.435	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	160951	10.174	ug/L	0.00
41) Toluene-d8	7.891	98	504909	10.590	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	62134	12.160	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	265342	127.261	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	124968	9.634	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	172333	10.093	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	132704	8.886	ug/L	99
3) Chloromethane	1.518	50	135175	8.567	ug/L	99
5) Vinyl chloride	1.602	62	150721	8.612	ug/L	98
6) Bromomethane	1.856	94	95510	7.880	ug/L	98
8) Chloroethane	1.930	64	92993	8.859	ug/L	100
9) Trichlorofluoromethane	2.136	101	205996	9.553	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	122530	9.023	ug/L	98
12) 1,1-Dichloroethene	2.573	96	112621	9.057	ug/L	91
13) Acetone	2.653	43	170420	100.876	ug/L	98
14) Carbon disulfide	2.788	76	306282	7.630	ug/L	99
15) Methyl Acetate	2.956	43	42199	9.880	ug/L	92
16) Methylene chloride	3.039	84	130021	8.782	ug/L	95
17) Methyl tert-butyl Ether	3.358	73	265396	9.804	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	115291	9.013	ug/L	98
19) 1,1-Dichloroethane	3.859	63	230792	9.572	ug/L	98
21) 2-Butanone	4.708	43	292461	109.538	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	132759	9.338	ug/L	97
23) Bromochloromethane	4.968	128	60205	9.250	ug/L	95
25) Chloroform	5.078	83	237590	9.395	ug/L	98
27) 1,2-Dichloroethane	5.785	62	137530	9.059	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	197038	9.227	ug/L	99
30) Cyclohexane	5.380	56	179116	9.688	ug/L	100
31) Carbon tetrachloride	5.515	117	175407	9.666	ug/L	99
33) Benzene	5.766	78	525618	9.422	ug/L	100
34) Trichloroethene	6.534	95	134775	8.951	ug/L	96
35) Methylcyclohexane	6.756	83	202674	9.573	ug/L	97
37) 1,2-Dichloropropane	6.782	63	144991	9.961	ug/L #	96
38) Bromodichloromethane	7.097	83	169703	9.377	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	201303	10.180	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	710496	104.816	ug/L	99
42) Toluene	7.962	91	579178	9.795	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	166274	10.401	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.390	97	100754	9.474	ug/L	98
47) Tetrachloroethene	8.547	164	105716	9.067	ug/L	98
48) 2-Hexanone	8.676	43	517188	106.534	ug/L	97
49) Dibromochloromethane	8.801	129	114732	9.622	ug/L	96
50) 1,2-Dibromoethane	8.917	107	94357	9.572	ug/L #	93
51) Chlorobenzene	9.438	112	363831	9.683	ug/L	99
52) Ethylbenzene	9.563	91	610911	10.099	ug/L	100
53) m,p-Xylene	9.685	106	242090	10.400	ug/L	99
54) o-Xylene	10.094	106	231542	10.443	ug/L	99
55) Styrene	10.106	104	402093	10.725	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	124802	9.563	ug/L	98
59) Bromoform	10.283	173	71705	9.774	ug/L	99
60) Isopropylbenzene	10.476	105	618558	10.475	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	86592	9.840	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	491741	10.578	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	503191	11.246	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	294636	9.750	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	295899	9.569	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	275857	9.724	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	17694	10.163	ug/L	91
69) 1,3,5-Trichlorobenzene	13.209	180	220128	9.849	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	173156	10.261	ug/L	96
71) Naphthalene	14.081	128	233969	9.831	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	151361	9.728	ug/L	99

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

