

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060512.D
 Acq On : 23 Aug 2024 13:55
 Operator : MD/SY
 Sample : VSTD02016
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020016

Quant Time: Aug 24 01:20:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:18:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	104040	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	107530	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	84573	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	81099	17.649	ug/L	0.00
7) Chloroethane-d5	1.911	69	112858	16.210	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	45661	16.860	ug/L	0.00
20) 2-Butanone-d5	4.625	46	344710	218.143	ug/L	0.00
24) Chloroform-d	5.052	84	262304	20.022	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	138016	20.189	ug/L	0.00
32) Benzene-d6	5.718	84	475207	20.210	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	154738	20.397	ug/L	0.00
41) Toluene-d8	7.891	98	448868	20.348	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	59574	21.944	ug/L	0.00
46) 2-Hexanone-d5	8.628	63	302390	232.643	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	135936	20.136	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	256631	20.579	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	226674	19.200	ug/L	99
3) Chloromethane	1.519	50	179847	17.581	ug/L	99
5) Vinyl chloride	1.602	62	175683	17.442	ug/L	98
6) Bromomethane	1.853	94	179403	17.698	ug/L	96
8) Chloroethane	1.930	64	142314	15.485	ug/L	100
9) Trichlorofluoromethane	2.133	101	422410	19.290	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	149742	16.163	ug/L	99
12) 1,1-Dichloroethene	2.573	96	137937	16.177	ug/L	92
13) Acetone	2.644	43	228867	171.625	ug/L	100
14) Carbon disulfide	2.785	76	468426	16.929	ug/L	99
15) Methyl Acetate	2.953	43	57628	21.659	ug/L	97
16) Methylene chloride	3.036	84	152662	18.432	ug/L	92
17) Methyl tert-butyl Ether	3.358	73	367155	21.216	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	149122	20.089	ug/L	97
19) 1,1-Dichloroethane	3.859	63	289937	19.273	ug/L	94
21) 2-Butanone	4.705	43	389476	215.388	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	166372	20.113	ug/L	100
23) Bromochloromethane	4.965	128	75054	19.965	ug/L	92
25) Chloroform	5.078	83	307053	19.286	ug/L	98
27) 1,2-Dichloroethane	5.785	62	204340	19.123	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	278061	18.880	ug/L	98
30) Cyclohexane	5.380	56	262843	21.557	ug/L	98
31) Carbon tetrachloride	5.515	117	256566	18.850	ug/L	100
33) Benzene	5.766	78	650951	19.087	ug/L	100
34) Trichloroethene	6.535	95	176522	19.095	ug/L	98
35) Methylcyclohexane	6.756	83	277959	21.914	ug/L	97
37) 1,2-Dichloropropane	6.782	63	172383	19.726	ug/L	# 98
38) Bromodichloromethane	7.097	83	218511	19.029	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	263975	20.602	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	967667	212.616	ug/L	99
42) Toluene	7.962	91	726889	20.169	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	226126	21.497	ug/L	97

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45) 1,1,2-Trichloroethane	8.393	97	120601	19.051	ug/L	97
47) Tetrachloroethene	8.547	164	143165	18.894	ug/L	99
48) 2-Hexanone	8.679	43	731352	218.700	ug/L	99
49) Dibromochloromethane	8.801	129	150816	20.578	ug/L	99
50) 1,2-Dibromoethane	8.917	107	117110	20.151	ug/L #	95
51) Chlorobenzene	9.438	112	459501	19.695	ug/L	99
52) Ethylbenzene	9.563	91	815042	21.340	ug/L	100
53) m,p-Xylene	9.686	106	316027	22.257	ug/L	97
54) o-Xylene	10.094	106	307303	21.141	ug/L	98
55) Styrene	10.107	104	528159	22.176	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.776	83	156397	19.350	ug/L	98
59) Bromoform	10.284	173	96413	13.872	ug/L	97
60) Isopropylbenzene	10.477	105	836198	14.800	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	111270	13.639	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	704295	16.725	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	966739	22.504	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	547640	19.805	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	554333	19.756	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	507091	19.547	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.988	75	27097	14.715	ug/L	92
69) 1,3,5-Trichlorobenzene	13.213	180	301194	14.126	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	251401	14.614	ug/L	98
71) Naphthalene	14.078	128	383713	17.459	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	217579	15.114	ug/L	98

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

