

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055391.D
 Acq On : 19 Sep 2023 14:29
 Operator : MD/SY
 Sample : VSTD00563
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005063

Quant Time: Sep 20 05:25:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 05:24:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	254115	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	260422	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	146437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	128875	7.765	ug/L	0.00
7) Chloroethane-d5	1.911	69	109929	6.355	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	51815	8.306	ug/L	0.00
20) 2-Butanone-d5	4.628	46	235259	57.184	ug/L	0.00
24) Chloroform-d	5.058	84	237737	6.790	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	114221	6.536	ug/L	0.00
32) Benzene-d6	5.724	84	474513	7.702	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	140276	6.952	ug/L	0.00
41) Toluene-d8	7.894	98	439437	8.109	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	50178	6.951	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	144956	58.874	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105377	6.252	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	148408	7.141	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	123228	5.096	ug/L	100
3) Chloromethane	1.515	50	106628	4.698	ug/L	100
5) Vinyl chloride	1.602	62	114958	4.664	ug/L	100
6) Bromomethane	1.856	94	74886	4.097	ug/L	100
8) Chloroethane	1.930	64	73159	3.831	ug/L	100
9) Trichlorofluoromethane	2.136	101	153767	4.039	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	96476	4.856	ug/L	100
12) 1,1-Dichloroethene	2.576	96	87474	4.925	ug/L	100
13) Acetone	2.644	43	125530	48.372	ug/L	100
14) Carbon disulfide	2.788	76	260927	4.711	ug/L	100
15) Methyl Acetate	2.952	43	28092	4.595	ug/L	100
16) Methylene chloride	3.039	84	110995	4.235	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	189355	4.541	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	88599	4.618	ug/L	100
19) 1,1-Dichloroethane	3.866	63	164076	4.445	ug/L	100
21) 2-Butanone	4.708	43	191411	45.555	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	98971	4.421	ug/L	100
23) Bromochloromethane	4.968	128	42918	4.689	ug/L	100
25) Chloroform	5.084	83	175126	4.375	ug/L	100
27) 1,2-Dichloroethane	5.792	62	104374	4.226	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	149633	4.644	ug/L	100
30) Cyclohexane	5.383	56	133654	4.441	ug/L	100
31) Carbon tetrachloride	5.521	117	130727	4.726	ug/L	100
33) Benzene	5.769	78	379126	4.542	ug/L	100
34) Trichloroethene	6.537	95	103107	4.343	ug/L	100
35) Methylcyclohexane	6.759	83	152134	4.430	ug/L	100
37) 1,2-Dichloropropane	6.788	63	95377	4.389	ug/L	100
38) Bromodichloromethane	7.103	83	115954	4.439	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	136889	4.575	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	444831	43.200	ug/L	100
42) Toluene	7.965	91	412193	4.541	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	106459	4.539	ug/L	100

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45) 1,1,2-Trichloroethane	8.396	97	69118	4.517	ug/L	100
47) Tetrachloroethene	8.550	164	77610	4.685	ug/L	100
48) 2-Hexanone	8.682	43	347457	44.800	ug/L	100
49) Dibromochloromethane	8.808	129	72160	4.613	ug/L	100
50) 1,2-Dibromoethane	8.920	107	63994	4.528	ug/L	100
51) Chlorobenzene	9.444	112	255086	4.356	ug/L	100
52) Ethylbenzene	9.566	91	430592	4.351	ug/L	100
53) m,p-Xylene	9.692	106	165990	4.441	ug/L	100
54) o-Xylene	10.097	106	154969	4.380	ug/L	100
55) Styrene	10.113	104	263437	4.439	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	78222	4.656	ug/L	100
59) Bromoform	10.287	173	38960	4.641	ug/L	100
60) Isopropylbenzene	10.483	105	423589	4.154	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	56238	4.108	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	330979	4.206	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	325679	4.097	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	199521	4.204	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	196047	4.238	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	181792	4.273	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.997	75	10376	4.423	ug/L	100
69) 1,3,5-Trichlorobenzene	13.216	180	134018	4.120	ug/L	100
70) 1,2,4-trichlorobenzene	13.839	180	101519	4.033	ug/L	100
71) Naphthalene	14.084	128	141898	3.911	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	90595	4.126	ug/L	100

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

