

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057288.D
 Acq On : 27 Dec 2023 18:14
 Operator : MD/SY
 Sample : VSTD02021
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020021

Quant Time: Dec 28 00:19:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:16:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	277204	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	269751	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	142084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	507823	19.550	ug/L	0.00
7) Chloroethane-d5	1.911	69	398816	18.747	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	195232	17.749	ug/L	0.00
20) 2-Butanone-d5	4.631	46	1249885	284.256	ug/L	0.00
24) Chloroform-d	5.055	84	891706	18.168	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	456204	19.167	ug/L	0.00
32) Benzene-d6	5.721	84	1709882	19.190	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	533302	20.636	ug/L	0.00
41) Toluene-d8	7.891	98	1503209	18.708	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	229324	21.305	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	1156566	298.766	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	453633	23.885	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	545556	18.486	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	386952	15.648	ug/L	99
3) Chloromethane	1.518	50	407124	17.756	ug/L	99
5) Vinyl chloride	1.602	62	453032	18.885	ug/L	100
6) Bromomethane	1.856	94	233093	21.605	ug/L	99
8) Chloroethane	1.933	64	276733	18.196	ug/L	98
9) Trichlorofluoromethane	2.136	101	631721	14.984	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	384241	17.048	ug/L	98
12) 1,1-Dichloroethene	2.573	96	341243	16.813	ug/L	98
13) Acetone	2.660	43	608573	229.892	ug/L	97
14) Carbon disulfide	2.788	76	966004	15.292	ug/L	100
15) Methyl Acetate	2.952	43	155805	25.237	ug/L	99
16) Methylene chloride	3.039	84	392247	16.318	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	964904	21.850	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	349099	17.756	ug/L	96
19) 1,1-Dichloroethane	3.859	63	720307	18.210	ug/L	98
21) 2-Butanone	4.711	43	1038789	255.296	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	420348	19.296	ug/L	98
23) Bromochloromethane	4.965	128	181279	18.860	ug/L	99
25) Chloroform	5.078	83	769787	17.439	ug/L	99
27) 1,2-Dichloroethane	5.785	62	478123	18.222	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	671433	16.404	ug/L	99
30) Cyclohexane	5.383	56	594388	21.033	ug/L	98
31) Carbon tetrachloride	5.518	117	564076	15.768	ug/L	99
33) Benzene	5.766	78	1567732	18.686	ug/L	100
34) Trichloroethene	6.534	95	418632	17.293	ug/L	98
35) Methylcyclohexane	6.756	83	626986	19.788	ug/L	96
37) 1,2-Dichloropropane	6.782	63	423346	19.896	ug/L	100
38) Bromodichloromethane	7.097	83	555453	18.350	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	661272	20.894	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	2448466	253.527	ug/L	98
42) Toluene	7.962	91	1653464	18.776	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	556169	20.628	ug/L	99

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45) 1,1,2-Trichloroethane	8.393	97	308744	20.692	ug/L	100
47) Tetrachloroethene	8.547	164	290029	16.812	ug/L	99
48) 2-Hexanone	8.682	43	1811643	253.721	ug/L	99
49) Dibromochloromethane	8.804	129	355040	18.842	ug/L	99
50) 1,2-Dibromoethane	8.917	107	288360	20.793	ug/L	99
51) Chlorobenzene	9.441	112	1045386	18.153	ug/L	99
52) Ethylbenzene	9.563	91	1890856	19.212	ug/L	99
53) m,p-Xylene	9.688	106	704180	19.535	ug/L	99
54) o-Xylene	10.094	106	684647	19.652	ug/L	98
55) Styrene	10.110	104	1201338	20.872	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	398842	22.090	ug/L	99
59) Bromoform	10.283	173	215682	19.762	ug/L	98
60) Isopropylbenzene	10.479	105	1894958	18.813	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	276191	20.295	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	1591363	19.361	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	1590023	19.617	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	856835	17.818	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	844730	17.470	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	809685	18.691	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	67682	22.333	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	624192	17.593	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	540513	19.332	ug/L	100
71) Naphthalene	14.080	128	960640	26.308	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	477316	21.434	ug/L	99

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

