

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057287.D
 Acq On : 27 Dec 2023 17:49
 Operator : MD/SY
 Sample : VSTD01020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010020

Quant Time: Dec 28 00:18:50 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	6.245	114	268247	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	260441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	137081	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	254088	10.108	ug/L	0.00
7) Chloroethane-d5	1.911	69	202722	9.847	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	99807	9.377	ug/L	0.00
20) 2-Butanone-d5	4.634	46	600843	141.210	ug/L	0.00
24) Chloroform-d	5.055	84	447795	9.428	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	230414	10.004	ug/L	0.00
32) Benzene-d6	5.721	84	848222	9.860	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	266663	10.687	ug/L	0.00
41) Toluene-d8	7.891	98	749477	9.661	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	109654	10.551	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	542953	145.270	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	223848	12.208	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	262303	9.212	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	187735	7.845	ug/L	99
3) Chloromethane	1.518	50	204758	9.229	ug/L	97
5) Vinyl chloride	1.602	62	221616	9.547	ug/L	100
6) Bromomethane	1.856	94	108224	10.366	ug/L	100
8) Chloroethane	1.933	64	138959	9.442	ug/L	98
9) Trichlorofluoromethane	2.136	101	315953	7.744	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	190814	8.749	ug/L	98
12) 1,1-Dichloroethene	2.573	96	170647	8.689	ug/L	97
13) Acetone	2.660	43	298755	116.625	ug/L	97
14) Carbon disulfide	2.789	76	483151	7.904	ug/L	100
15) Methyl Acetate	2.952	43	76088	12.736	ug/L	98
16) Methylene chloride	3.039	84	199733	8.587	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	456779	10.689	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	173457	9.117	ug/L	99
19) 1,1-Dichloroethane	3.859	63	356114	9.304	ug/L	99
21) 2-Butanone	4.714	43	487408	123.786	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	203748	9.665	ug/L	96
23) Bromochloromethane	4.968	128	88711	9.538	ug/L	98
25) Chloroform	5.078	83	380955	8.918	ug/L	98
27) 1,2-Dichloroethane	5.785	62	235357	9.270	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	331164	8.380	ug/L	100
30) Cyclohexane	5.383	56	269876	9.891	ug/L	99
31) Carbon tetrachloride	5.518	117	279132	8.082	ug/L	100
33) Benzene	5.766	78	769183	9.496	ug/L	100
34) Trichloroethene	6.534	95	205649	8.799	ug/L	99
35) Methylcyclohexane	6.756	83	291386	9.525	ug/L	96
37) 1,2-Dichloropropane	6.782	63	211941	10.316	ug/L	99
38) Bromodichloromethane	7.097	83	274302	9.386	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	310547	10.163	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	1183150	126.889	ug/L	100
42) Toluene	7.962	91	813756	9.571	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	264661	10.167	ug/L	97

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45) 1,1,2-Trichloroethane	8.393	97	153252	10.638	ug/L	99
47) Tetrachloroethene	8.547	164	144141	8.654	ug/L	98
48) 2-Hexanone	8.682	43	879685	127.604	ug/L	99
49) Dibromochloromethane	8.801	129	176091	9.679	ug/L	99
50) 1,2-Dibromoethane	8.917	107	140087	10.463	ug/L	100
51) Chlorobenzene	9.441	112	506294	9.106	ug/L	99
52) Ethylbenzene	9.563	91	889006	9.356	ug/L	100
53) m,p-Xylene	9.689	106	336664	9.673	ug/L	99
54) o-Xylene	10.094	106	321612	9.562	ug/L	99
55) Styrene	10.110	104	576919	10.382	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	198817	11.405	ug/L	100
59) Bromoform	10.283	173	103422	9.822	ug/L	99
60) Isopropylbenzene	10.480	105	889398	9.152	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	136780	10.418	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	726107	9.156	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	735475	9.405	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	410359	8.845	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	406275	8.709	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	388086	9.286	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	30765	10.522	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	290293	8.481	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	239285	8.871	ug/L	100
71) Naphthalene	14.081	128	402684	11.430	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	215616	10.036	ug/L	100

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

