

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020325\
 Data File : VU063113.D
 Acq On : 03 Feb 2025 11:38
 Operator : MD/SY
 Sample : VSTD02078
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020078

Quant Time: Feb 04 07:30:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020325WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 04 07:26:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	101423	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	95188	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	47979	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	152591	36.268	ug/L	0.00
7) Chloroethane-d5	1.895	69	122387	36.761	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	62470	26.713	ug/L	0.00
20) 2-Butanone-d5	4.599	46	368715	305.014	ug/L	0.00
24) Chloroform-d	5.046	84	287551	19.798	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	135365	16.987	ug/L	0.00
32) Benzene-d6	5.711	84	574567	24.713	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	186486	28.963	ug/L	0.00
41) Toluene-d8	7.885	98	526562	23.507	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	72877	21.019	ug/L	0.00
46) 2-Hexanone-d5	8.618	63	338233	341.116	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	154102	26.598	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.180	152	179845	20.797	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	124568	14.975	ug/L	99
3) Chloromethane	1.515	50	150866	30.523	ug/L	99
5) Vinyl chloride	1.599	62	175005	32.118	ug/L	98
6) Bromomethane	1.833	94	96650	35.002	ug/L	100
8) Chloroethane	1.917	64	97371	33.966	ug/L	96
9) Trichlorofluoromethane	2.126	101	221909	18.658	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	138909	22.453	ug/L	99
12) 1,1-Dichloroethene	2.567	96	130594	23.737	ug/L	97
13) Acetone	2.608	43	187219	256.883	ug/L	98
14) Carbon disulfide	2.779	76	371132	25.447	ug/L	99
15) Methyl Acetate	2.933	43	52083	33.362	ug/L	98
16) Methylene chloride	3.030	84	147946	24.829	ug/L	98
17) Methyl tert-butyl Ether	3.345	73	351560	21.855	ug/L	99
18) trans-1,2-Dichloroethene	3.335	96	134268	22.905	ug/L	98
19) 1,1-Dichloroethane	3.849	63	262058	24.840	ug/L	99
21) 2-Butanone	4.679	43	334918	314.067	ug/L	99
22) cis-1,2-Dichloroethene	4.647	96	162075	22.891	ug/L	97
23) Bromochloromethane	4.956	128	68275	20.084	ug/L	96
25) Chloroform	5.068	83	272706	19.227	ug/L	100
27) 1,2-Dichloroethane	5.775	62	159878	16.758	ug/L	97
29) 1,1,1-Trichloroethane	5.300	97	226323	16.117	ug/L	99
30) Cyclohexane	5.373	56	216318	28.141	ug/L	99
31) Carbon tetrachloride	5.509	117	192665	14.586	ug/L	99
33) Benzene	5.759	78	602278	24.324	ug/L	100
34) Trichloroethene	6.528	95	154366	19.422	ug/L	96
35) Methylcyclohexane	6.750	83	235575	22.995	ug/L	98
37) 1,2-Dichloropropane	6.775	63	162573	27.691	ug/L	100
38) Bromodichloromethane	7.090	83	200443	19.281	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	246569	24.020	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	856315	298.571	ug/L	99
42) Toluene	7.955	91	653027	22.837	ug/L	98
44) trans-1,3-Dichloropropene	8.197	75	206302	22.501	ug/L	100

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45) 1,1,2-Trichloroethane	8.386	97	117788	22.762	ug/L	99
47) Tetrachloroethene	8.541	164	109096	16.822	ug/L	97
48) 2-Hexanone	8.669	43	601370	300.274	ug/L	98
49) Dibromochloromethane	8.798	129	132313	17.928	ug/L	97
50) 1,2-Dibromoethane	8.910	107	112448	22.154	ug/L	98
51) Chlorobenzene	9.434	112	401465	20.786	ug/L	98
52) Ethylbenzene	9.557	91	718229	22.012	ug/L	98
53) m,p-Xylene	9.682	106	271105	21.861	ug/L	95
54) o-Xylene	10.087	106	267054	23.189	ug/L	99
55) Styrene	10.103	104	458305	23.559	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.769	83	154047	25.764	ug/L	99
59) Bromoform	10.277	173	82746	18.531	ug/L	98
60) Isopropylbenzene	10.473	105	712967	22.663	ug/L	99
61) 1,2,3-Trichloropropane	10.807	75	99256	23.651	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	592805	21.952	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	589375	23.118	ug/L	100
64) 1,3-Dichlorobenzene	11.733	146	314798	20.301	ug/L	99
65) 1,4-Dichlorobenzene	11.823	146	313066	20.198	ug/L	99
67) 1,2-Dichlorobenzene	12.200	146	297744	20.321	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	16060	15.356	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.209	180	174827	14.556	ug/L	98
70) 1,2,4-trichlorobenzene	13.827	180	140183	14.795	ug/L	97
71) Naphthalene	14.074	128	221914	17.518	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	122985	14.967	ug/L	98

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

