

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020425\
 Data File : VU063120.D
 Acq On : 04 Feb 2025 14:35
 Operator : MD/SY
 Sample : VSTD02004
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020004

Quant Time: Feb 05 07:30:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 05 07:27:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	97310	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	46912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	114786	17.784	ug/L	0.00
7) Chloroethane-d5	1.888	69	104656	19.238	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.551	65	51729	18.311	ug/L	0.00
20) 2-Butanone-d5	4.602	46	412135	262.020	ug/L	0.00
24) Chloroform-d	5.046	84	256157	19.373	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	132113	21.216	ug/L	0.00
32) Benzene-d6	5.711	84	502558	19.260	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	166647	19.312	ug/L	0.00
41) Toluene-d8	7.888	98	455786	19.464	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	66162	20.564	ug/L	0.00
46) 2-Hexanone-d5	8.618	63	365751	258.049	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	151295	21.225	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	162232	19.684	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	173699	26.667	ug/L	100
3) Chloromethane	1.515	50	184546	23.544	ug/L	98
5) Vinyl chloride	1.596	62	194790	23.842	ug/L	99
6) Bromomethane	1.827	94	98430	22.377	ug/L	97
8) Chloroethane	1.911	64	111316	22.928	ug/L	98
9) Trichlorofluoromethane	2.120	101	216282	20.447	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	132956	19.775	ug/L	98
12) 1,1-Dichloroethene	2.563	96	133135	21.400	ug/L	95
13) Acetone	2.612	43	230721	243.342	ug/L	99
14) Carbon disulfide	2.776	76	454292	24.131	ug/L	99
15) Methyl Acetate	2.933	43	65821	26.284	ug/L	99
16) Methylene chloride	3.026	84	149544	20.752	ug/L	97
17) Methyl tert-butyl Ether	3.348	73	372760	22.564	ug/L	99
18) trans-1,2-Dichloroethene	3.335	96	141314	22.322	ug/L	98
19) 1,1-Dichloroethane	3.849	63	276545	21.648	ug/L	99
21) 2-Butanone	4.682	43	422788	271.407	ug/L	97
22) cis-1,2-Dichloroethene	4.647	96	163109	21.426	ug/L	99
23) Bromochloromethane	4.956	128	68951	21.425	ug/L	98
25) Chloroform	5.071	83	275727	20.932	ug/L	100
27) 1,2-Dichloroethane	5.779	62	181027	22.933	ug/L	100
29) 1,1,1-Trichloroethane	5.300	97	228042	21.062	ug/L	99
30) Cyclohexane	5.374	56	256768	25.035	ug/L	99
31) Carbon tetrachloride	5.509	117	193422	20.919	ug/L	100
33) Benzene	5.759	78	629723	21.529	ug/L	100
34) Trichloroethene	6.528	95	157745	20.519	ug/L	99
35) Methylcyclohexane	6.750	83	257282	23.388	ug/L	98
37) 1,2-Dichloropropane	6.775	63	168234	21.583	ug/L	99
38) Bromodichloromethane	7.091	83	201864	21.035	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	253723	22.398	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	1061369	261.311	ug/L	99
42) Toluene	7.959	91	674210	21.855	ug/L	99
44) trans-1,3-Dichloropropene	8.197	75	214086	22.857	ug/L	97

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45) 1,1,2-Trichloroethane	8.386	97	121234	20.765	ug/L	99
47) Tetrachloroethene	8.544	164	113282	21.438	ug/L	99
48) 2-Hexanone	8.672	43	767914	270.722	ug/L	97
49) Dibromochloromethane	8.798	129	132591	21.032	ug/L	97
50) 1,2-Dibromoethane	8.910	107	115898	21.674	ug/L	98
51) Chlorobenzene	9.434	112	400265	21.361	ug/L	99
52) Ethylbenzene	9.560	91	742760	22.760	ug/L	99
53) m,p-Xylene	9.682	106	275840	22.923	ug/L	99
54) o-Xylene	10.090	106	270675	23.041	ug/L	100
55) Styrene	10.103	104	462998	23.496	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.769	83	163589	22.128	ug/L	99
59) Bromoform	10.280	173	84242	21.214	ug/L	99
60) Isopropylbenzene	10.473	105	724263	21.760	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	110415	21.445	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	601822	23.000	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	593430	23.999	ug/L	99
64) 1,3-Dichlorobenzene	11.733	146	313255	20.840	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	311915	20.487	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	298681	20.817	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	25536	30.152	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	225483	22.598	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	191892	27.393	ug/L	100
71) Naphthalene	14.077	128	348352	33.326	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	173798	27.716	ug/L	97

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

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