

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020425\
 Data File : VU063117.D
 Acq On : 04 Feb 2025 13:03
 Operator : MD/SY
 Sample : VSTD00101
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001001

Quant Time: Feb 05 07:28:47 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	6.238	114	88907	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	5055	0.857	ug/L	0.00
7) Chloroethane-d5	1.901	69	4782	0.962	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	2164	0.838	ug/L	0.00
20) 2-Butanone-d5	4.621	46	15206	10.581	ug/L	0.02
24) Chloroform-d	5.052	84	11022	0.912	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	5733	1.008	ug/L	0.00
32) Benzene-d6	5.718	84	21170	0.901	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	6952	0.895	ug/L	0.00
41) Toluene-d8	7.891	98	18324	0.869	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	2327	0.803	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	11395	8.930	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	6206	0.967	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	6264	0.962	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	7623	1.281	ug/L	97
3) Chloromethane	1.518	50	8570	1.197	ug/L	100
5) Vinyl chloride	1.599	62	8620	1.155	ug/L	99
6) Bromomethane	1.843	94	4007	0.997	ug/L	96
8) Chloroethane	1.924	64	5193	1.171	ug/L	99
9) Trichlorofluoromethane	2.126	101	9554	0.989	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	5774	0.940	ug/L	99
12) 1,1-Dichloroethene	2.567	96	5641	0.992	ug/L	98
13) Acetone	2.615	43	10597	12.233	ug/L	98
14) Carbon disulfide	2.779	76	20202	1.175	ug/L	99
15) Methyl Acetate	2.949	43	2714	1.186	ug/L #	87
16) Methylene chloride	3.033	84	6965	1.058	ug/L	93
17) Methyl tert-butyl Ether	3.351	73	15060	0.998	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	5934	1.026	ug/L	93
19) 1,1-Dichloroethane	3.856	63	12519	1.073	ug/L	94
21) 2-Butanone	4.698	43	15985	11.231	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	6620	0.952	ug/L	97
23) Bromochloromethane	4.968	128	3050	1.037	ug/L	91
25) Chloroform	5.075	83	11806	0.981	ug/L	94
27) 1,2-Dichloroethane	5.785	62	7718	1.070	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	9450	0.969	ug/L	98
30) Cyclohexane	5.374	56	9899	1.072	ug/L	96
31) Carbon tetrachloride	5.512	117	7948	0.955	ug/L	96
33) Benzene	5.763	78	26178	0.994	ug/L	100
34) Trichloroethene	6.534	95	6902	0.997	ug/L	96
35) Methylcyclohexane	6.750	83	9778	0.987	ug/L	100
37) 1,2-Dichloropropane	6.782	63	6956	0.991	ug/L #	97
38) Bromodichloromethane	7.097	83	8278	0.958	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	9790	0.960	ug/L	96
40) 4-Methyl-2-pentanone	7.779	43	39078	10.687	ug/L	98
42) Toluene	7.962	91	27539	0.992	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	8141	0.965	ug/L	99

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45) 1,1,2-Trichloroethane	8.393	97	5323	1.013	ug/L	95
47) Tetrachloroethene	8.544	164	4838	1.017	ug/L	97
48) 2-Hexanone	8.676	43	26908	10.537	ug/L	98
49) Dibromochloromethane	8.798	129	5536	0.975	ug/L	94
50) 1,2-Dibromoethane	8.917	107	4869	1.011	ug/L #	89
51) Chlorobenzene	9.438	112	16968	1.006	ug/L	98
52) Ethylbenzene	9.563	91	28024	0.954	ug/L	98
53) m,p-Xylene	9.685	106	9717	0.897	ug/L	96
54) o-Xylene	10.094	106	9450	0.894	ug/L	96
55) Styrene	10.110	104	14850	0.837	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	6630	0.996	ug/L	99
59) Bromoform	10.283	173	3033	0.967	ug/L #	95
60) Isopropylbenzene	10.476	105	25036	0.952	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	4656	1.145	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	18834	0.911	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	17643	0.903	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	11598	0.977	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	12268	1.020	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	10991	0.970	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	855	1.278	ug/L	86
69) 1,3,5-Trichlorobenzene	13.216	180	7869	0.998	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	5939	1.073	ug/L	99
71) Naphthalene	14.090	128	8612	1.043	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	5130	1.036	ug/L	96

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

