

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063011.D
 Acq On : 27 Jan 2025 12:11
 Operator : MD/SY
 Sample : VSTD01071
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010071

Quant Time: Jan 28 13:52:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 28 13:50:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	92232	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86223	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	53189	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	30753	6.331	ug/L	0.00
7) Chloroethane-d5	1.901	69	27361	7.178	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	20406	8.048	ug/L	0.00
20) 2-Butanone-d5	4.605	46	93164	92.463	ug/L	0.00
24) Chloroform-d	5.049	84	131301	10.497	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	75339	10.929	ug/L	0.00
32) Benzene-d6	5.714	84	190019	9.356	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	47114	8.584	ug/L	0.00
41) Toluene-d8	7.888	98	199520	9.938	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.167	79	32548	11.253	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	79594	91.226	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	47404	9.867	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	92871	10.448	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	87847	9.907	ug/L	99
3) Chloromethane	1.515	50	34170	6.016	ug/L	100
5) Vinyl chloride	1.599	62	41671	6.593	ug/L	99
6) Bromomethane	1.843	94	23014	5.350	ug/L	95
8) Chloroethane	1.920	64	23624	6.411	ug/L	96
9) Trichlorofluoromethane	2.126	101	123121	9.406	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	60509	9.578	ug/L	89
12) 1,1-Dichloroethene	2.570	96	50988	9.226	ug/L	89
13) Acetone	2.611	43	65567	80.686	ug/L	92
14) Carbon disulfide	2.782	76	128929	7.535	ug/L	99
15) Methyl Acetate	2.936	43	13075	7.832	ug/L #	84
16) Methylene chloride	3.029	84	52598	8.723	ug/L	93
17) Methyl tert-butyl Ether	3.348	73	150752	9.696	ug/L	96
18) trans-1,2-Dichloroethene	3.338	96	54577	9.236	ug/L	90
19) 1,1-Dichloroethane	3.853	63	88172	8.426	ug/L	98
21) 2-Butanone	4.685	43	83211	78.689	ug/L	89
22) cis-1,2-Dichloroethene	4.653	96	62141	9.579	ug/L	93
23) Bromochloromethane	4.959	128	34125	10.829	ug/L #	83
25) Chloroform	5.071	83	126523	9.465	ug/L	96
27) 1,2-Dichloroethane	5.782	62	87728	9.874	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	139487	10.557	ug/L	96
30) Cyclohexane	5.373	56	60241	7.619	ug/L #	80
31) Carbon tetrachloride	5.508	117	133556	10.834	ug/L	99
33) Benzene	5.759	78	204084	8.585	ug/L	100
34) Trichloroethene	6.531	95	68831	8.391	ug/L	93
35) Methylcyclohexane	6.753	83	88537	8.866	ug/L	91
37) 1,2-Dichloropropane	6.778	63	43599	7.871	ug/L #	95
38) Bromodichloromethane	7.094	83	96736	10.309	ug/L	94
39) cis-1,3-Dichloropropene	7.595	75	93429	9.690	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	219305	84.118	ug/L #	95
42) Toluene	7.958	91	253286	9.575	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	84497	9.986	ug/L	93

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45) 1,1,2-Trichloroethane	8.389	97	44131	9.432	ug/L	92
47) Tetrachloroethene	8.544	164	66731	11.168	ug/L	92
48) 2-Hexanone	8.669	43	161726	86.309	ug/L #	94
49) Dibromochloromethane	8.798	129	73424	11.213	ug/L	98
50) 1,2-Dibromoethane	8.910	107	46018	10.180	ug/L	98
51) Chlorobenzene	9.438	112	174959	9.921	ug/L	95
52) Ethylbenzene	9.560	91	298180	9.863	ug/L	100
53) m,p-Xylene	9.682	106	116908	10.227	ug/L	99
54) o-Xylene	10.090	106	112496	10.312	ug/L	98
55) Styrene	10.103	104	193025	10.595	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	47762	9.163	ug/L #	95
59) Bromoform	10.280	173	50447	10.557	ug/L	99
60) Isopropylbenzene	10.473	105	327809	9.147	ug/L	99
61) 1,2,3-Trichloropropane	10.810	75	36652	8.002	ug/L #	92
62) 1,3,5-Trimethylbenzene	11.077	105	290021	9.461	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	288302	9.696	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	169854	9.991	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	168630	9.788	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	159347	9.983	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	11431	9.432	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.209	180	139886	10.770	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	113318	10.911	ug/L	99
71) Naphthalene	14.077	128	154506	10.495	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	99944	10.991	ug/L	97

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

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