

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063010.D
 Acq On : 27 Jan 2025 11:38
 Operator : MD/SY
 Sample : VSTD00570
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005070

Quant Time: Jan 28 13:52:18 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	96513	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	89153	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51156	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20388	4.011	ug/L	0.00
7) Chloroethane-d5	1.901	69	14336	3.594	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	10851	4.090	ug/L	0.00
20) 2-Butanone-d5	4.605	46	45539	43.192	ug/L	0.00
24) Chloroform-d	5.049	84	66961	5.116	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	38383	5.321	ug/L	0.00
32) Benzene-d6	5.714	84	96309	4.586	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	23346	4.114	ug/L	0.00
41) Toluene-d8	7.888	98	99865	4.811	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	15465	5.171	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	37887	41.997	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23358	4.702	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	46035	5.385	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	48859	5.265	ug/L	98
3) Chloromethane	1.515	50	24334	4.094	ug/L	99
5) Vinyl chloride	1.599	62	26563	4.016	ug/L	98
6) Bromomethane	1.843	94	11498	2.554	ug/L	98
8) Chloroethane	1.923	64	13116	3.401	ug/L	98
9) Trichlorofluoromethane	2.129	101	62410	4.556	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	30658	4.638	ug/L #	88
12) 1,1-Dichloroethene	2.570	96	25729	4.449	ug/L	96
13) Acetone	2.611	43	33514	39.412	ug/L	90
14) Carbon disulfide	2.782	76	64610	3.609	ug/L	98
15) Methyl Acetate	2.936	43	6286	3.598	ug/L #	88
16) Methylene chloride	3.033	84	26055	4.129	ug/L	93
17) Methyl tert-butyl Ether	3.348	73	74378	4.572	ug/L	95
18) trans-1,2-Dichloroethene	3.341	96	26978	4.363	ug/L	91
19) 1,1-Dichloroethane	3.853	63	45351	4.142	ug/L	91
21) 2-Butanone	4.682	43	43226	39.064	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	30211	4.451	ug/L	95
23) Bromochloromethane	4.962	128	16229	4.921	ug/L #	85
25) Chloroform	5.074	83	64849	4.636	ug/L	99
27) 1,2-Dichloroethane	5.779	62	46258	4.976	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	70632	5.170	ug/L	98
30) Cyclohexane	5.377	56	29853	3.651	ug/L #	76
31) Carbon tetrachloride	5.512	117	69598	5.460	ug/L	98
33) Benzene	5.762	78	103065	4.193	ug/L	100
34) Trichloroethene	6.531	95	34059	4.016	ug/L	95
35) Methylcyclohexane	6.753	83	43915	4.253	ug/L	92
37) 1,2-Dichloropropane	6.779	63	22609	3.947	ug/L #	97
38) Bromodichloromethane	7.094	83	47848	4.932	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	44748	4.489	ug/L	95
40) 4-Methyl-2-pentanone	7.775	43	107607	39.918	ug/L #	95
42) Toluene	7.959	91	127483	4.661	ug/L	97
44) trans-1,3-Dichloropropene	8.200	75	42760	4.887	ug/L	100

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45) 1,1,2-Trichloroethane	8.389	97	21839	4.514	ug/L	92
47) Tetrachloroethene	8.544	164	34037	5.509	ug/L	89
48) 2-Hexanone	8.672	43	73709	38.044	ug/L #	96
49) Dibromochloromethane	8.798	129	37077	5.476	ug/L	96
50) 1,2-Dibromoethane	8.913	107	23285	4.982	ug/L #	95
51) Chlorobenzene	9.438	112	88922	4.876	ug/L	96
52) Ethylbenzene	9.560	91	147632	4.723	ug/L	100
53) m,p-Xylene	9.685	106	59447	5.029	ug/L	99
54) o-Xylene	10.090	106	55497	4.920	ug/L	100
55) Styrene	10.106	104	93596	4.968	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.769	83	24202	4.491	ug/L #	90
59) Bromoform	10.280	173	25414	5.530	ug/L #	97
60) Isopropylbenzene	10.473	105	162994	4.729	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	18928	4.297	ug/L #	91
62) 1,3,5-Trimethylbenzene	11.077	105	144015	4.884	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	141424	4.945	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	84167	5.148	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	83499	5.039	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	78082	5.086	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5620	4.821	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	67718	5.421	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	51371	5.143	ug/L	98
71) Naphthalene	14.080	128	60390	4.265	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	44101	5.043	ug/L	93

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

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