

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020325\
 Data File : VU063110.D
 Acq On : 03 Feb 2025 10:25
 Operator : MD/SY
 Sample : VSTD00175
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001075

Quant Time: Feb 04 07:28:42 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94959	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41288	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	6601	1.676	ug/L	0.00
7) Chloroethane-d5	1.904	69	5081	1.630	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	2683	1.225	ug/L	0.00
20) 2-Butanone-d5	4.628	46	14427m	12.747	ug/L	0.02
24) Chloroform-d	5.055	84	12885	0.948	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	5812	0.779	ug/L	0.00
32) Benzene-d6	5.718	84	24878	1.131	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	8180	1.342	ug/L	0.00
41) Toluene-d8	7.891	98	21402	1.010	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	2801	0.854	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	11809	12.584	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	6752	1.231	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	7261	0.976	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	6576	0.844	ug/L	92
3) Chloromethane	1.515	50	7618	1.646	ug/L	98
5) Vinyl chloride	1.599	62	7526	1.475	ug/L	93
6) Bromomethane	1.849	94	4114	1.591	ug/L	96
8) Chloroethane	1.927	64	4585	1.708	ug/L	90
9) Trichlorofluoromethane	2.132	101	10849	0.974	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	6847	1.182	ug/L	99
12) 1,1-Dichloroethene	2.573	96	6074	1.179	ug/L	97
13) Acetone	2.621	43	8998	13.187	ug/L	93
14) Carbon disulfide	2.785	76	18290	1.339	ug/L	97
15) Methyl Acetate	2.949	43	2293	1.569	ug/L #	81
16) Methylene chloride	3.036	84	7182	1.287	ug/L	94
17) Methyl tert-butyl Ether	3.348	73	15698	1.042	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	6036	1.100	ug/L	94
19) 1,1-Dichloroethane	3.859	63	12279	1.243	ug/L	98
21) 2-Butanone	4.708	43	14424	14.447	ug/L #	60
22) cis-1,2-Dichloroethene	4.660	96	7617	1.149	ug/L	96
23) Bromochloromethane	4.975	128	3147	0.989	ug/L	92
25) Chloroform	5.078	83	12868	0.969	ug/L	97
27) 1,2-Dichloroethane	5.788	62	7784	0.871	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	10406	0.783	ug/L	98
30) Cyclohexane	5.380	56	9684	1.331	ug/L	96
31) Carbon tetrachloride	5.515	117	8996	0.720	ug/L	94
33) Benzene	5.766	78	27725	1.183	ug/L	100
34) Trichloroethene	6.534	95	7395	0.983	ug/L	96
35) Methylcyclohexane	6.753	83	10478	1.081	ug/L	97
37) 1,2-Dichloropropane	6.782	63	7529	1.355	ug/L	99
38) Bromodichloromethane	7.097	83	9436	0.959	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	11129	1.146	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	34482	12.703	ug/L	99
42) Toluene	7.962	91	29558	1.092	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	8480	0.977	ug/L	99

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

45) 1,1,2-Trichloroethane	8.393	97	5510	1.125	ug/L	97
47) Tetrachloroethene	8.547	164	4928	0.803	ug/L	94
48) 2-Hexanone	8.679	43	23448	12.371	ug/L	98
49) Dibromochloromethane	8.801	129	6037	0.864	ug/L	88
50) 1,2-Dibromoethane	8.917	107	5193	1.081	ug/L #	98
51) Chlorobenzene	9.438	112	18119	0.991	ug/L	97
52) Ethylbenzene	9.563	91	30871	1.000	ug/L	99
53) m,p-Xylene	9.688	106	11143	0.949	ug/L	95
54) o-Xylene	10.094	106	10817	0.992	ug/L	99
55) Styrene	10.110	104	17544	0.953	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	6907	1.221	ug/L	96
59) Bromoform	10.283	173	3451	0.898	ug/L #	99
60) Isopropylbenzene	10.476	105	28930	1.069	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	4635	1.283	ug/L	92
62) 1,3,5-Trimethylbenzene	11.081	105	21491	0.925	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	19052	0.868	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	13764	1.031	ug/L	95
65) 1,4-Dichlorobenzene	11.827	146	13154	0.986	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	12934	1.026	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	795	0.883	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	8792	0.851	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	6359	0.780	ug/L	92
71) Naphthalene	14.090	128	9618m	0.882	ug/L	
72) 1,2,3-Trichlorobenzene	14.325	180	5768	0.816	ug/L	94

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

