

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031325\
 Data File : VV038699.D
 Acq On : 13 Mar 2025 10:51
 Operator : SY/MD
 Sample : VSTD00537
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 12:32:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031325WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 13 11:33:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	168371	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	179138	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	98377	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	53365	3.06	ug/L	0.00
7) Chloroethane-d5	1.529	69	53003	4.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	26704	3.67	ug/L	0.00
20) 2-Butanone-d5	3.793	46	136277	45.08	ug/L	0.00
24) Chloroform-d	4.240	84	133171	4.83	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	59948	4.93	ug/L	0.00
32) Benzene-d6	4.953	84	240997	4.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	74528	4.80	ug/L	0.00
41) Toluene-d8	7.236	98	227183	4.85	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	23269	4.08	ug/L	0.00
46) 2-Hexanone-d5	8.018	63	112086	50.76	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	63352	4.80	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	76491	4.49	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	88233	4.41	ug/L	100
3) Chloromethane	1.214	50	83564	4.46	ug/L	100
5) Vinyl chloride	1.281	62	88102	4.43	ug/L	96
6) Bromomethane	1.484	94	40537	4.73	ug/L	98
8) Chloroethane	1.545	64	54930	4.46	ug/L	99
9) Trichlorofluoromethane	1.709	101	126802	4.78	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	72601	4.92	ug/L	97
12) 1,1-Dichloroethene	2.063	96	67207	4.69	ug/L	99
13) Acetone	2.124	43	106520	47.97	ug/L	98
14) Carbon disulfide	2.233	76	211394	4.48	ug/L	100
15) Methyl Acetate	2.381	43	25394	4.44	ug/L	93
16) Methylene chloride	2.442	84	74997			
17) Methyl tert-butyl Ether	2.699	73	138038			
18) trans-1,2-Dichloroethene	2.690	96	66791			
19) 1,1-Dichloroethane	3.105	63	133737	4.85	ug/L	97
21) 2-Butanone	3.873	43	145400	43.63	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	70211	4.75	ug/L	97
23) Bromochloromethane	4.143	128	34012	4.84	ug/L	97
25) Chloroform	4.268	83	137085	4.97	ug/L	98
27) 1,2-Dichloroethane	5.037	62	79088	4.87	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	117047	4.63	ug/L	99
30) Cyclohexane	4.574	56	94666	4.34	ug/L	97
31) Carbon tetrachloride	4.725	117	103166	4.68	ug/L	98
33) Benzene	5.002	78	283189	4.99	ug/L	100
34) Trichloroethene	5.828	95	72066	4.95	ug/L	95
35) Methylcyclohexane	6.040	83	101083	4.41	ug/L	99
37) 1,2-Dichloropropane	6.085	63	72583	5.06	ug/L	100
38) Bromodichloromethane	6.426	83	93719	4.76	ug/L	95
39) cis-1,3-Dichloropropene	6.950	75	94539	4.84	ug/L	97
40) 4-Methyl-2-pentanone	7.149	43	391957	52.07	ug/L	100
42) Toluene	7.307	91	302553	5.02	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	81818	4.99	ug/L	96

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45) 1,1,2-Trichloroethane	7.763	97	55536	4.95	ug/L	98
47) Tetrachloroethene	7.895	164	57336	5.06	ug/L	98
48) 2-Hexanone	8.069	43	289280	52.08	ug/L	98
49) Dibromochloromethane	8.169	129	62775	5.05	ug/L	99
50) 1,2-Dibromoethane	8.278	107	49581	4.78	ug/L	100
51) Chlorobenzene	8.805	112	189555	4.79	ug/L	99
52) Ethylbenzene	8.940	91	308371	4.82	ug/L	100
53) m,p-Xylene	9.066	106	119574	5.08	ug/L	98
54) o-Xylene	9.471	106	112262	4.88	ug/L	100
55) Styrene	9.490	104	202376	5.21	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	66367	4.81	ug/L	96
59) Bromoform	9.657	173	32268	4.91	ug/L	96
60) Isopropylbenzene	9.860	105	303026	4.68	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	45024	4.44	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	225248	4.41	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	229976	4.53	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	154991	4.79	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	158090	4.80	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	146173	4.81	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.361	75	9863	4.79	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	97553	4.59	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	75999	4.73	ug/L	100
71) Naphthalene	13.432	128	105064	4.09	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	70262	4.72	ug/L	98

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

VV031325
Client Sample ID :
MSVOA_V
Instrument :

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