

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV011725\
 Data File : VV038449.D
 Acq On : 17 Jan 2025 12:06
 Operator : SY/MD
 Sample : VSTD01026
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010226

Quant Time: Jan 18 00:19:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 18 00:13:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	248015	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	257670	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	139494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	213604	11.067	ug/L	0.00
7) Chloroethane-d5	1.532	69	176662	11.260	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	93386	11.294	ug/L	0.00
20) 2-Butanone-d5	3.809	46	481266	123.858	ug/L	0.00
24) Chloroform-d	4.239	84	401904	10.880	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	180297	10.791	ug/L	0.00
32) Benzene-d6	4.950	84	787963	11.721	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	236871	11.363	ug/L	0.00
41) Toluene-d8	7.233	98	723343	11.650	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	89546	11.606	ug/L	0.00
46) 2-Hexanone-d5	8.017	63	375538	125.481	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	182677	10.540	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	246157	10.325	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	269578	10.937	ug/L	99
3) Chloromethane	1.214	50	275497	12.642	ug/L	99
5) Vinyl chloride	1.281	62	285979	11.791	ug/L	99
6) Bromomethane	1.487	94	146392	14.408	ug/L	96
8) Chloroethane	1.548	64	169759	11.231	ug/L	98
9) Trichlorofluoromethane	1.712	101	354251	10.530	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	207509	10.762	ug/L	99
12) 1,1-Dichloroethene	2.066	96	201134	10.960	ug/L	95
13) Acetone	2.153	43	314465	109.381	ug/L	98
14) Carbon disulfide	2.236	76	689172	11.502	ug/L	99
15) Methyl Acetate	2.387	43	79983	11.222	ug/L	100
16) Methylene chloride	2.442	84	223198	10.813	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	454406	11.150	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	216698	11.340	ug/L	98
19) 1,1-Dichloroethane	3.104	63	409127	11.642	ug/L	99
21) 2-Butanone	3.886	43	500082	119.021	ug/L	95
22) cis-1,2-Dichloroethene	3.805	96	227772	11.508	ug/L	98
23) Bromochloromethane	4.143	128	100130	10.468	ug/L	95
25) Chloroform	4.265	83	402836	10.944	ug/L	97
27) 1,2-Dichloroethane	5.034	62	230483	11.418	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	351956	11.167	ug/L	96
30) Cyclohexane	4.574	56	344320	12.645	ug/L	98
31) Carbon tetrachloride	4.725	117	306866	10.961	ug/L	100
33) Benzene	5.001	78	886202	11.901	ug/L	100
34) Trichloroethene	5.825	95	222467	11.009	ug/L	94
35) Methylcyclohexane	6.040	83	359086	12.190	ug/L	99
37) 1,2-Dichloropropane	6.082	63	230011	12.291	ug/L	98
38) Bromodichloromethane	6.423	83	281536	11.298	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	331374	12.593	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	1214482	123.927	ug/L	99
42) Toluene	7.304	91	952811	12.089	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	272266	12.316	ug/L	98

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

45) 1,1,2-Trichloroethane	7.760	97	156263	10.530	ug/L	97
47) Tetrachloroethene	7.895	164	172990	10.708	ug/L	99
48) 2-Hexanone	8.066	43	890426	123.826	ug/L	97
49) Dibromochloromethane	8.165	129	184426	11.241	ug/L	98
50) 1,2-Dibromoethane	8.275	107	149800	10.870	ug/L	98
51) Chlorobenzene	8.805	112	605783	11.263	ug/L	99
52) Ethylbenzene	8.937	91	1037616	12.348	ug/L	99
53) m,p-Xylene	9.062	106	400463	12.700	ug/L	96
54) o-Xylene	9.468	106	385202	12.517	ug/L	97
55) Styrene	9.487	104	676066	12.574	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.168	83	188597	10.872	ug/L	99
59) Bromoform	9.657	173	96561	11.436	ug/L	99
60) Isopropylbenzene	9.857	105	1035245	12.394	ug/L	98
61) 1,2,3-Trichloropropane	10.201	75	132857	10.962	ug/L	98
62) 1,3,5-Trimethylbenzene	10.467	105	829922	12.553	ug/L	100
63) 1,2,4-Trimethylbenzene	10.840	105	841171	12.689	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	487747	11.046	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	491419	10.998	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	444828	10.920	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.358	75	28995	10.633	ug/L	89
69) 1,3,5-Trichlorobenzene	12.574	180	329038	10.521	ug/L	98
70) 1,2,4-trichlorobenzene	13.188	180	268117	10.658	ug/L	98
71) Naphthalene	13.432	128	405939	10.508	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	241144	10.462	ug/L	99

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

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