

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033587.D
 Acq On : 12 Jan 2024 11:17
 Operator : SY/MD
 Sample : VSTD01031
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010231

Quant Time: Jan 12 23:08:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:05:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	141850	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	132360	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	68543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	81387	9.445	ug/L	0.00
7) Chloroethane-d5	1.535	69	73373	9.949	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	36373	9.399	ug/L	0.00
20) 2-Butanone-d5	3.821	46	222393	103.219	ug/L	-0.01
24) Chloroform-d	4.252	84	181591	10.175	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	84216	10.427	ug/L	0.00
32) Benzene-d6	4.963	84	338734	10.206	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	108735	10.373	ug/L	0.00
41) Toluene-d8	7.243	98	300396	10.218	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.554	79	41303	9.900	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	172041	104.224	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	67487	9.660	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	107973	9.987	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	132406	10.502	ug/L	100
3) Chloromethane	1.217	50	159952	11.518	ug/L	99
5) Vinyl chloride	1.285	62	154145	11.551	ug/L	98
6) Bromomethane	1.490	94	76171	10.369	ug/L	100
8) Chloroethane	1.551	64	91791	11.194	ug/L	99
9) Trichlorofluoromethane	1.715	101	185090	11.283	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	102654	10.504	ug/L	99
12) 1,1-Dichloroethene	2.072	96	102175	11.379	ug/L	98
13) Acetone	2.156	43	139670	76.399	ug/L	93
14) Carbon disulfide	2.243	76	381150	13.298	ug/L	99
15) Methyl Acetate	2.391	43	43651	8.872	ug/L	99
16) Methylene chloride	2.449	84	113874	10.226	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	247291	10.262	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	117648	11.736	ug/L	97
19) 1,1-Dichloroethane	3.114	63	233319	10.819	ug/L	99
21) 2-Butanone	3.905	43	240820	97.750	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	125068	11.128	ug/L	96
23) Bromochloromethane	4.149	128	46781	10.873	ug/L	98
25) Chloroform	4.278	83	217238	10.832	ug/L	99
27) 1,2-Dichloroethane	5.043	62	126078	10.851	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	192078	10.748	ug/L	100
30) Cyclohexane	4.584	56	222738	11.381	ug/L	97
31) Carbon tetrachloride	4.738	117	165234	11.244	ug/L	98
33) Benzene	5.011	78	486123	11.143	ug/L	100
34) Trichloroethene	5.834	95	126072	10.792	ug/L	98
35) Methylcyclohexane	6.050	83	211027	11.192	ug/L	99
37) 1,2-Dichloropropane	6.095	63	121874	10.662	ug/L	99
38) Bromodichloromethane	6.432	83	148501	10.594	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	179780	10.561	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	582581	97.303	ug/L	99
42) Toluene	7.313	91	510352	10.969	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	143301	10.822	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	68202	10.024	ug/L	97
47) Tetrachloroethene	7.905	164	91950	11.112	ug/L	99
48) 2-Hexanone	8.079	43	401741	91.521	ug/L	96
49) Dibromochloromethane	8.178	129	84312	10.515	ug/L	98
50) 1,2-Dibromoethane	8.284	107	64761	10.247	ug/L	99
51) Chlorobenzene	8.815	112	310085	10.721	ug/L	99
52) Ethylbenzene	8.947	91	584536	10.730	ug/L	99
53) m,p-Xylene	9.072	106	214768	10.682	ug/L	100
54) o-Xylene	9.477	106	211248	10.766	ug/L	100
55) Styrene	9.496	104	343205	10.592	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	76051	10.132	ug/L	99
59) Bromoform	9.667	173	43529	10.195	ug/L	99
60) Isopropylbenzene	9.866	105	542853	10.007	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	57208	10.098	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	471297	10.254	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	485814	10.664	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	246305	10.579	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	232760	9.867	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	209985	10.304	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	13877	10.596	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	188958	10.559	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	152033	10.178	ug/L	98
71) Naphthalene	13.438	128	205624	9.952	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	121449	10.375	ug/L	98

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

