

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082423\
 Data File : VW031882.D
 Acq On : 23 Aug 2023 21:15
 Operator : SY/MD
 Sample : VSTD02076
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02076

Quant Time: Aug 24 04:26:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:23:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	126253	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	118293	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61918	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	85764	20.113	ug/L	0.00
7) Chloroethane-d5	1.532	69	100471	20.568	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	49209	19.608	ug/L	0.00
20) 2-Butanone-d5	3.809	46	540199	259.207	ug/L	0.00
24) Chloroform-d	4.252	84	295795	20.496	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	151682	20.397	ug/L	0.00
32) Benzene-d6	4.963	84	560473	20.822	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	187787	19.783	ug/L	0.00
41) Toluene-d8	7.246	98	509447	20.396	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	72194	20.857	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	439809	238.322	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	144585	21.231	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	203226	20.267	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	139367	19.327	ug/L	100
3) Chloromethane	1.217	50	147175	19.050	ug/L	99
5) Vinyl chloride	1.282	62	152868	19.307	ug/L	97
6) Bromomethane	1.490	94	92570	18.706	ug/L	99
8) Chloroethane	1.552	64	96971	19.176	ug/L	99
9) Trichlorofluoromethane	1.716	101	197602	19.347	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	116947	19.199	ug/L	96
12) 1,1-Dichloroethene	2.069	96	110362	19.418	ug/L	96
13) Acetone	2.153	43	233453	178.473	ug/L	69
14) Carbon disulfide	2.240	76	322369	20.164	ug/L	98
15) Methyl Acetate	2.388	43	62593	25.253	ug/L	99
16) Methylene chloride	2.449	84	137560	14.883	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	361510	20.501	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	126267	19.599	ug/L	95
19) 1,1-Dichloroethane	3.114	63	264918	19.965	ug/L	100
21) 2-Butanone	3.892	43	406685	239.600	ug/L	80
22) cis-1,2-Dichloroethene	3.815	96	149114	20.093	ug/L	99
23) Bromochloromethane	4.150	128	60361	20.498	ug/L	94
25) Chloroform	4.278	83	265184	19.606	ug/L	97
27) 1,2-Dichloroethane	5.043	62	163283	20.187	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	224205	19.622	ug/L	100
30) Cyclohexane	4.587	56	223109	18.999	ug/L	99
31) Carbon tetrachloride	4.738	117	184984	20.017	ug/L	98
33) Benzene	5.011	78	557609	20.463	ug/L	100
34) Trichloroethene	5.834	95	156062	19.596	ug/L	97
35) Methylcyclohexane	6.053	83	220511	19.022	ug/L	98
37) 1,2-Dichloropropane	6.095	63	148256	19.748	ug/L	100
38) Bromodichloromethane	6.436	83	196679	20.241	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	242756	21.254	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	1000921	212.710	ug/L	94
42) Toluene	7.317	91	596304	19.697	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	201637	21.146	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	105243	19.585	ug/L	98
47) Tetrachloroethene	7.908	164	100792	19.811	ug/L	98
48) 2-Hexanone	8.079	43	716470	204.805	ug/L	99
49) Dibromochloromethane	8.182	129	119042	21.258	ug/L	99
50) 1,2-Dibromoethane	8.284	107	98028	20.172	ug/L	99
51) Chlorobenzene	8.818	112	381272	19.890	ug/L	99
52) Ethylbenzene	8.950	91	684392	19.665	ug/L	100
53) m,p-Xylene	9.075	106	256222	19.546	ug/L	99
54) o-Xylene	9.481	106	252752	19.954	ug/L	99
55) Styrene	9.500	104	440600	20.162	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	111326	20.462	ug/L	97
59) Bromoform	9.667	173	65582	22.417	ug/L	99
60) Isopropylbenzene	9.870	105	685457	19.915	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	93654	20.536	ug/L	97
62) 1,3,5-Trimethylbenzene	10.480	105	593824	20.128	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	588918	20.316	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	302852	19.868	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	304351	19.436	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	282128	20.224	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	22122	21.416	ug/L	95
69) 1,3,5-Trichlorobenzene	12.587	180	227918	20.114	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	207345	20.073	ug/L	97
71) Naphthalene	13.442	128	387018	19.890	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	176686	20.314	ug/L	100

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

