

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027313.D
 Acq On : 12 Aug 2022 06:51
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005366

Quant Time: Aug 12 07:58:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 02:11:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	162533	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	166853	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	86579	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	74036	5.243	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.800%	
7) Chloroethane-d5	1.561	69	46805	4.564	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.200%	
11) 1,1-Dichloroethene-d2	2.104	63	121764	4.755	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.000%	
20) 2-Butanone-d5	3.883	46	138248	57.809	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.620%	
24) Chloroform-d	4.342	84	134178	5.181	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
26) 1,2-Dichloroethane-d4	5.027	65	62735	5.085	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
32) Benzene-d6	5.047	84	249794	5.075	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
36) 1,2-Dichloropropane-d6	6.066	67	77565	5.097	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.000%	
41) Toluene-d8	7.313	98	238280	5.288	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.800%	
43) trans-1,3-Dichloroprop...	7.622	79	25247	4.789	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.800%	
46) 2-Hexanone-d5	8.088	63	102311	50.151	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.300%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	54873	4.984	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	71464	4.782	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	95499	4.944	ug/L	97
3) Chloromethane	1.236	50	98116	5.078	ug/L	99
5) Vinyl chloride	1.307	62	90267	5.009	ug/L	97
6) Bromomethane	1.516	94	41508	4.933	ug/L	100
8) Chloroethane	1.577	64	46640	4.655	ug/L	98
9) Trichlorofluoromethane	1.748	101	112437	4.673	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	55581	4.919	ug/L	98
12) 1,1-Dichloroethene	2.111	96	56401	4.819	ug/L	95
13) Acetone	2.169	43	96019	54.332	ug/L	97
14) Carbon disulfide	2.288	76	214743	4.582	ug/L	100
15) Methyl Acetate	2.432	43	26707	6.207	ug/L	92
16) Methylene chloride	2.500	84	83215	4.427	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	136591	5.000	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	69411	4.822	ug/L	99
19) 1,1-Dichloroethane	3.182	63	138230	5.015	ug/L	97
21) 2-Butanone	3.963	43	153145	63.643	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	71292	5.036	ug/L	99
23) Bromochloromethane	4.243	128	32514	4.914	ug/L	98
25) Chloroform	4.371	83	141241	4.987	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	82107	5.073	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	117495	5.004	ug/L	99
30) Cyclohexane	4.670	56	90246	4.744	ug/L	96
31) Carbon tetrachloride	4.821	117	99494	4.869	ug/L	100
33) Benzene	5.095	78	288322	5.056	ug/L	100
34) Trichloroethene	5.908	95	67882	4.782	ug/L	98
35) Methylcyclohexane	6.127	83	93696	4.794	ug/L	96
37) 1,2-Dichloropropane	6.169	63	72331	5.131	ug/L	99
38) Bromodichloromethane	6.506	83	97147	5.347	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	78200	4.539	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	380926	52.363	ug/L	98
42) Toluene	7.384	91	305115	5.362	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	69597	4.617	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	49291	4.905	ug/L	98
47) Tetrachloroethene	7.972	164	52880	4.744	ug/L	98
48) 2-Hexanone	8.136	43	275022	52.684	ug/L	99
49) Dibromochloromethane	8.243	129	60078	5.107	ug/L	99
50) 1,2-Dibromoethane	8.349	107	44720	5.005	ug/L	99
51) Chlorobenzene	8.879	112	183674	4.956	ug/L	99
52) Ethylbenzene	9.011	91	277147	4.848	ug/L	100
53) m,p-Xylene	9.136	106	108014	4.954	ug/L	98
54) o-Xylene	9.541	106	103677	4.861	ug/L	99
55) Styrene	9.558	104	188256	5.133	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	55659	4.969	ug/L	94
59) Bromoform	9.731	173	29282	5.015	ug/L	99
60) Isopropylbenzene	9.931	105	269403	4.941	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	41014	4.919	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	68622	4.553	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	200871	4.649	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	135500	4.973	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	133930	4.885	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	125085	4.929	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	8519	4.891	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	89302	4.545	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	65983	4.494	ug/L	99
71) Naphthalene	13.503	128	103321	4.554	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	62016	4.531	ug/L	96

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

