

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032323\
 Data File : VW030299.D
 Acq On : 23 Mar 2023 09:45
 Operator : SY/MD
 Sample : VSTD0.528
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5228

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

Quant Time: Mar 24 02:21:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 02:21:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	126187	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	122859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	4772	0.571	ug/L	0.00
7) Chloroethane-d5	1.535	69	4895	0.604	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	9959	0.502	ug/L	0.00
20) 2-Butanone-d5	3.870	46	10302m	5.018	ug/L	0.03
24) Chloroform-d	4.259	84	10575	0.523	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	5055	0.530	ug/L	0.00
32) Benzene-d6	4.973	84	17166	0.496	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	5393	0.498	ug/L	0.00
41) Toluene-d8	7.255	98	14934	0.470	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	2031	0.498	ug/L	0.00
46) 2-Hexanone-d5	8.050	63	6741	4.111	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.165	84	4309	0.504	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	6145	0.551	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	7179	0.448	ug/L	96
3) Chloromethane	1.217	50	10417	0.515	ug/L	98
5) Vinyl chloride	1.285	62	7244	0.491	ug/L	95
6) Bromomethane	1.490	94	2363	0.561	ug/L	90
8) Chloroethane	1.552	64	4126	0.488	ug/L	99
9) Trichlorofluoromethane	1.716	101	9804	0.456	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	5889	0.496	ug/L	89
12) 1,1-Dichloroethene	2.072	96	4709	0.447	ug/L	98
13) Acetone	2.175	43	12301m	6.210	ug/L	
14) Carbon disulfide	2.243	76	15318	0.441	ug/L	97
15) Methyl Acetate	2.400	43	1719m	0.504	ug/L	
16) Methylene chloride	2.452	84	6484	0.520	ug/L	90
17) Methyl tert-butyl Ether	2.716	73	9366	0.419	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	5346	0.481	ug/L	84
19) 1,1-Dichloroethane	3.117	63	9875	0.459	ug/L	92
21) 2-Butanone	3.953	43	11779m	4.738	ug/L	
22) cis-1,2-Dichloroethene	3.831	96	4741	0.425	ug/L	91
23) Bromochloromethane	4.166	128	2556	0.491	ug/L	94
25) Chloroform	4.288	83	9741	0.448	ug/L	93
27) 1,2-Dichloroethane	5.056	62	6092	0.463	ug/L	100
29) 1,1,1-Trichloroethane	4.523	97	8958	0.454	ug/L	93
30) Cyclohexane	4.590	56	7063	0.393	ug/L #	94
31) Carbon tetrachloride	4.741	117	8145	0.455	ug/L	100
33) Benzene	5.021	78	17664	0.405	ug/L	100
34) Trichloroethene	5.847	95	5219	0.443	ug/L	98
35) Methylcyclohexane	6.056	83	7129	0.386	ug/L #	89
37) 1,2-Dichloropropane	6.104	63	4330	0.387	ug/L #	90
38) Bromodichloromethane	6.445	83	6696	0.456	ug/L #	94
39) cis-1,3-Dichloropropene	6.969	75	6184	0.393	ug/L	95
40) 4-Methyl-2-pentanone	7.175	43	21868	3.704	ug/L	98
42) Toluene	7.326	91	17078	0.367	ug/L	87
44) trans-1,3-Dichloropropene	7.596	75	5579	0.416	ug/L	91

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

45) 1,1,2-Trichloroethane	7.780	97	3487	0.442	ug/L	89
47) Tetrachloroethene	7.911	164	4863	0.468	ug/L	94
48) 2-Hexanone	8.095	43	16561m	3.744	ug/L	
49) Dibromochloromethane	8.188	129	4312	0.459	ug/L	89
50) 1,2-Dibromoethane	8.297	107	3025	0.422	ug/L #	95
51) Chlorobenzene	8.825	112	12363	0.415	ug/L	93
52) Ethylbenzene	8.956	91	19615	0.386	ug/L	93
53) m,p-Xylene	9.082	106	7342	0.377	ug/L	92
54) o-Xylene	9.487	106	7140	0.383	ug/L	88
55) Styrene	9.509	104	11446	0.362	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.191	83	4249	0.454	ug/L	98
59) Bromoform	9.680	173	2520	0.499	ug/L	99
60) Isopropylbenzene	9.876	105	18691	0.406	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	2600	0.466	ug/L	93
62) 1,3,5-Trimethylbenzene	10.484	105	14824	0.395	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	14466	0.378	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	10082	0.439	ug/L	99
65) 1,4-Dichlorobenzene	11.220	146	10004	0.433	ug/L	95
67) 1,2-Dichlorobenzene	11.590	146	9007	0.435	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.377	75	780	0.562	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.593	180	7118	0.403	ug/L	96
70) 1,2,4-trichlorobenzene	13.207	180	5356	0.392	ug/L #	91
71) Naphthalene	13.451	128	7899	0.405	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	4767	0.403	ug/L	99

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

