

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032323\
 Data File : VW030301.D
 Acq On : 23 Mar 2023 10:33
 Operator : SY/MD
 Sample : VSTD00530
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005230

Manual Integrations
 APPROVED

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

Quant Time: Mar 24 02:22:53 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	159003	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	153850	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	89214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	46626	4.428	ug/L	0.00
7) Chloroethane-d5	1.536	69	43830	4.289	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	112761	4.512	ug/L	0.00
20) 2-Butanone-d5	3.844	46	114176	44.134	ug/L	0.00
24) Chloroform-d	4.262	84	114168	4.479	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	52452	4.362	ug/L	0.00
32) Benzene-d6	4.970	84	201303	4.643	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	61800	4.553	ug/L	0.00
41) Toluene-d8	7.252	98	189250	4.753	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	23296	4.559	ug/L	0.00
46) 2-Hexanone-d5	8.037	63	93848	45.702	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	49038	4.584	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	69982	4.389	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	96197	4.759	ug/L	100
3) Chloromethane	1.217	50	116209	4.556	ug/L	100
5) Vinyl chloride	1.285	62	86048	4.627	ug/L	100
6) Bromomethane	1.491	94	23760	4.480	ug/L	100
8) Chloroethane	1.552	64	50159	4.709	ug/L	100
9) Trichlorofluoromethane	1.716	101	128816	4.752	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	68518	4.580	ug/L	100
12) 1,1-Dichloroethene	2.073	96	61525	4.631	ug/L	100
13) Acetone	2.182	43	110068	44.101	ug/L	100
14) Carbon disulfide	2.243	76	206263	4.713	ug/L	100
15) Methyl Acetate	2.404	43	19805m	4.610	ug/L	
16) Methylene chloride	2.452	84	70798	4.505	ug/L	100
17) Methyl tert-butyl Ether	2.716	73	128613	4.571	ug/L	100
18) trans-1,2-Dichloroethene	2.700	96	64974	4.642	ug/L	100
19) 1,1-Dichloroethane	3.121	63	127523	4.700	ug/L	100
21) 2-Butanone	3.921	43	143139	45.692	ug/L	100
22) cis-1,2-Dichloroethene	3.828	96	65672	4.675	ug/L	100
23) Bromochloromethane	4.156	128	30759	4.689	ug/L	100
25) Chloroform	4.288	83	130155	4.747	ug/L	100
27) 1,2-Dichloroethane	5.053	62	76648	4.623	ug/L	100
29) 1,1,1-Trichloroethane	4.523	97	119370	4.827	ug/L	100
30) Cyclohexane	4.593	56	109353	4.854	ug/L	100
31) Carbon tetrachloride	4.744	117	109363	4.874	ug/L	100
33) Benzene	5.021	78	271710	4.972	ug/L	100
34) Trichloroethene	5.841	95	69117	4.690	ug/L	100
35) Methylcyclohexane	6.059	83	112262	4.853	ug/L	100
37) 1,2-Dichloropropane	6.101	63	70641	5.036	ug/L	100
38) Bromodichloromethane	6.442	83	88821	4.835	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	93208	4.725	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	367788	49.753	ug/L	100
42) Toluene	7.323	91	297450	5.111	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	81162	4.835	ug/L	100

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

45) 1,1,2-Trichloroethane	7.780	97	47821	4.841	ug/L	100
47) Tetrachloroethene	7.912	164	62387	4.797	ug/L	100
48) 2-Hexanone	8.088	43	280419	50.619	ug/L	100
49) Dibromochloromethane	8.185	129	56114	4.772	ug/L	100
50) 1,2-Dibromoethane	8.291	107	43614	4.853	ug/L	100
51) Chlorobenzene	8.821	112	185434	4.976	ug/L	100
52) Ethylbenzene	8.953	91	309378	4.858	ug/L	100
53) m,p-Xylene	9.082	106	120679	4.951	ug/L	100
54) o-Xylene	9.487	106	112454	4.821	ug/L	100
55) Styrene	9.503	104	201927	5.097	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.188	83	55857	4.764	ug/L	100
59) Bromoform	9.673	173	33617	4.662	ug/L	100
60) Isopropylbenzene	9.876	105	314001	4.773	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	37373	4.685	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	254052	4.732	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	262773	4.803	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	159206	4.853	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	158926	4.808	ug/L	100
67) 1,2-Dichlorobenzene	11.590	146	142322	4.814	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	8802	4.437	ug/L	100
69) 1,3,5-Trichlorobenzene	12.593	180	118064	4.674	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	91516	4.692	ug/L	100
71) Naphthalene	13.448	128	123390	4.430	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	78611	4.652	ug/L	100

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

