

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW053023\
 Data File : VW031266.D
 Acq On : 30 May 2023 14:22
 Operator : SY/MD
 Sample : VSTD0.547
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5247

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023

Quant Time: May 31 04:54:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR053023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 31 04:54:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	104876	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	105393	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	49661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	3925	0.352	ug/L	0.00
7) Chloroethane-d5	1.535	69	4506	0.496	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	2177	0.460	ug/L	0.00
20) 2-Butanone-d5	3.866	46	12468m	4.798	ug/L	0.05
24) Chloroform-d	4.265	84	10004	0.442	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	4794	0.421	ug/L	0.00
32) Benzene-d6	4.969	84	15700	0.363	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.001	67	5645	0.386	ug/L	0.00
41) Toluene-d8	7.252	98	12591	0.334	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	1591	0.340	ug/L	0.00
46) 2-Hexanone-d5	8.043	63	6033m	3.029	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	4410	0.416	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	4505	0.387	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	9337	0.767	ug/L	100
3) Chloromethane	1.217	50	8632	0.653	ug/L	97
5) Vinyl chloride	1.285	62	8300	0.651	ug/L	100
6) Bromomethane	1.490	94	4844	0.733	ug/L	99
8) Chloroethane	1.555	64	5554	0.791	ug/L	96
9) Trichlorofluoromethane	1.715	101	12632	0.711	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	7519	0.792	ug/L	99
12) 1,1-Dichloroethene	2.076	96	6302	0.811	ug/L #	78
13) Acetone	2.146	43	14822m	7.543	ug/L	
14) Carbon disulfide	2.246	76	17842	0.762	ug/L	99
15) Methyl Acetate	2.394	43	2289m	0.569	ug/L	
16) Methylene chloride	2.455	84	11404	0.965	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	12226	0.599	ug/L #	92
18) trans-1,2-Dichloroethene	2.703	96	5672	0.680	ug/L	86
19) 1,1-Dichloroethane	3.121	63	12770	0.635	ug/L	97
21) 2-Butanone	3.937	43	15555m	6.116	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	5725	0.608	ug/L	92
23) Bromochloromethane	4.165	128	2559	0.615	ug/L	84
25) Chloroform	4.288	83	12589	0.608	ug/L	93
27) 1,2-Dichloroethane	5.059	62	6540	0.562	ug/L #	88
29) 1,1,1-Trichloroethane	4.519	97	10965	0.556	ug/L	96
30) Cyclohexane	4.587	56	9157	0.574	ug/L	97
31) Carbon tetrachloride	4.741	117	10148	0.592	ug/L	92
33) Benzene	5.024	78	22243	0.551	ug/L	100
34) Trichloroethene	5.841	95	6646	0.612	ug/L	97
35) Methylcyclohexane	6.053	83	8159	0.532	ug/L	89
37) 1,2-Dichloropropane	6.104	63	5416	0.463	ug/L #	89
38) Bromodichloromethane	6.442	83	8419	0.580	ug/L	99
39) cis-1,3-Dichloropropene	6.969	75	7630	0.548	ug/L	89
40) 4-Methyl-2-pentanone	7.172	43	31462	5.417	ug/L	94
42) Toluene	7.326	91	22324	0.562	ug/L	95
44) trans-1,3-Dichloropropene	7.596	75	5660	0.470	ug/L	99

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

45) 1,1,2-Trichloroethane	7.776	97	4398	0.624	ug/L	90
47) Tetrachloroethene	7.908	164	5045	0.632	ug/L	85
48) 2-Hexanone	8.095	43	22770m	4.954	ug/L	
49) Dibromochloromethane	8.185	129	4745	0.543	ug/L	94
50) 1,2-Dibromoethane	8.294	107	3990	0.591	ug/L #	99
51) Chlorobenzene	8.821	112	14845	0.569	ug/L	95
52) Ethylbenzene	8.953	91	21543	0.485	ug/L	99
53) m,p-Xylene	9.082	106	7877	0.482	ug/L	94
54) o-Xylene	9.490	106	7145	0.459	ug/L	97
55) Styrene	9.506	104	12019	0.437	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	4957	0.550	ug/L #	97
59) Bromoform	9.673	173	2612	0.630	ug/L #	93
60) Isopropylbenzene	9.876	105	19695	0.528	ug/L	97
61) 1,2,3-Trichloropropane	10.220	75	3579	0.644	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	15790	0.521	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	15405	0.497	ug/L	97
64) 1,3-Dichlorobenzene	11.127	146	10425	0.582	ug/L	95
65) 1,4-Dichlorobenzene	11.217	146	10278	0.569	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	9845	0.585	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.377	75	828	0.670	ug/L	88
69) 1,3,5-Trichlorobenzene	12.590	180	8165	0.572	ug/L	99
70) 1,2,4-trichlorobenzene	13.210	180	5341	0.482	ug/L	96
71) Naphthalene	13.451	128	6466	0.390	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	5471	0.575	ug/L #	82

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

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