

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101422\
 Data File : VW028548.D
 Acq On : 14 Oct 2022 12:56
 Operator : SY/MD
 Sample : VSTD00560
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005260

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/17/2022
 Supervised By :Mahesh Dadoda 10/18/2022

Quant Time: Oct 15 01:43:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 01:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.587	114	283163	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	206328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	105277	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	117503	5.448	ug/L	0.00
7) Chloroethane-d5	1.558	69	95452	5.277	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	208376	5.221	ug/L	0.00
20) 2-Butanone-d5	3.944	46	282036	70.431	ug/L	0.00
24) Chloroform-d	4.346	84	184746	4.868	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	105757	5.704	ug/L	0.00
32) Benzene-d6	5.040	84	368738	6.087	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.047	67	105520m	6.048	ug/L	0.00
41) Toluene-d8	7.326	98	275866	5.259	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	35687	5.569	ug/L	0.00
46) 2-Hexanone-d5	8.114	63	164216	61.587	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	67619	5.422	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	87276	4.827	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	70538	3.440	ug/L	100
3) Chloromethane	1.230	50	126578	5.773	ug/L	100
5) Vinyl chloride	1.301	62	120274	5.065	ug/L	100
6) Bromomethane	1.513	94	50796	4.558	ug/L	100
8) Chloroethane	1.574	64	74594	4.777	ug/L	100
9) Trichlorofluoromethane	1.741	101	144853	4.255	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	83799	4.395	ug/L	100
12) 1,1-Dichloroethene	2.108	96	79929	4.213	ug/L	100
13) Acetone	2.233	43	170064m	67.509	ug/L	
14) Carbon disulfide	2.282	76	229110	3.902	ug/L	100
15) Methyl Acetate	2.449	43	50224	7.046	ug/L	100
16) Methylene chloride	2.497	84	107083	4.785	ug/L	100
17) Methyl tert-butyl Ether	2.773	73	220149	5.298	ug/L	100
18) trans-1,2-Dichloroethene	2.745	96	88252	4.413	ug/L	100
19) 1,1-Dichloroethane	3.175	63	200914	5.561	ug/L	100
21) 2-Butanone	4.031	43	270419	68.721	ug/L	100
22) cis-1,2-Dichloroethene	3.896	96	100920	4.860	ug/L	100
23) Bromochloromethane	4.240	128	36629	4.175	ug/L	100
25) Chloroform	4.371	83	188934	4.921	ug/L	100
27) 1,2-Dichloroethane	5.127	62	121351	5.648	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	151863	5.774	ug/L	100
30) Cyclohexane	4.661	56	180298	7.302	ug/L	100
31) Carbon tetrachloride	4.815	117	125871	5.423	ug/L	100
33) Benzene	5.088	78	385914	6.010	ug/L	100
34) Trichloroethene	5.879	95	80503	5.193	ug/L	100
35) Methylcyclohexane	6.088	83	135758m	5.318	ug/L	
37) 1,2-Dichloropropane	6.153	63	87598	5.940	ug/L	100
38) Bromodichloromethane	6.513	83	100794	5.142	ug/L	100
39) cis-1,3-Dichloropropene	7.043	75	118636	5.680	ug/L	100
40) 4-Methyl-2-pentanone	7.262	43	513952	71.378	ug/L	100
42) Toluene	7.400	91	343331	5.333	ug/L	100
44) trans-1,3-Dichloropropene	7.664	75	95513	5.463	ug/L	100

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

45) 1,1,2-Trichloroethane	7.854	97	51359	4.934	ug/L	100
47) Tetrachloroethene	7.982	164	55259	4.330	ug/L	100
48) 2-Hexanone	8.162	43	352861	71.808	ug/L	100
49) Dibromochloromethane	8.256	129	54598	4.339	ug/L	100
50) 1,2-Dibromoethane	8.362	107	45517	4.948	ug/L	100
51) Chlorobenzene	8.886	112	210378	4.999	ug/L	100
52) Ethylbenzene	9.014	91	380520	5.591	ug/L	100
53) m,p-Xylene	9.140	106	139675	5.271	ug/L	100
54) o-Xylene	9.542	106	140402	5.521	ug/L	100
55) Styrene	9.561	104	234629	5.438	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	61520	5.224	ug/L	100
59) Bromoform	9.731	173	25184	3.918	ug/L	100
60) Isopropylbenzene	9.928	105	375636	5.755	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	45122	5.530	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	111241	5.892	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	309869	5.834	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	156797	5.057	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	152126	4.929	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	140825	5.000	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.419	75	9691	5.211	ug/L	100
69) 1,3,5-Trichlorobenzene	12.638	180	117792	4.827	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	89291	4.784	ug/L	100
71) Naphthalene	13.493	128	135707	4.591	ug/L	100
72) 1,2,3-Trichlorobenzene	13.734	180	74727	4.499	ug/L	100

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

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