

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042922\
 Data File : VW025756.D
 Acq On : 29 Apr 2022 19:17
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005397

Quant Time: May 02 01:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon May 02 01:22:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137143	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	139361	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72747	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	53193	4.172	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.571	69	56206	4.144	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.800%	
11) 1,1-Dichloroethene-d2	2.114	63	113599	4.448	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.000%	
20) 2-Butanone-d5	3.899	46	118737	76.558	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	153.120%#	
24) Chloroform-d	4.352	84	116977	6.071	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	121.400%	
26) 1,2-Dichloroethane-d4	5.034	65	52337	6.304	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	126.000%	
32) Benzene-d6	5.053	84	213887	5.304	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
36) 1,2-Dichloropropane-d6	6.069	67	65830	5.854	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	117.000%	
41) Toluene-d8	7.317	98	193032	5.159	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
43) trans-1,3-Dichloroprop...	7.622	79	18707	4.949	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.000%	
46) 2-Hexanone-d5	8.088	63	89132	67.190	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	134.380%#	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44255	6.229	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	124.600%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	66151	5.424	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	41706	3.366	ug/L	100
3) Chloromethane	1.243	50	63804	4.740	ug/L	98
5) Vinyl chloride	1.314	62	64954	4.270	ug/L	99
6) Bromomethane	1.526	94	35773	3.261	ug/L	96
8) Chloroethane	1.590	64	47892	4.079	ug/L	99
9) Trichlorofluoromethane	1.757	101	87200	4.081	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	43654	3.637	ug/L	97
12) 1,1-Dichloroethene	2.124	96	47501	3.993	ug/L	90
13) Acetone	2.195	43	68873	65.425	ug/L	99
14) Carbon disulfide	2.298	76	92504	3.249	ug/L	99
15) Methyl Acetate	2.446	43	15574	6.657	ug/L	93
16) Methylene chloride	2.510	84	56099	4.864	ug/L	94
17) Methyl tert-butyl Ether	2.773	73	105134	5.712	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	43212	4.335	ug/L	97
19) 1,1-Dichloroethane	3.195	63	96448	5.713	ug/L	99
21) 2-Butanone	3.982	43	100410	69.029	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	53388	5.088	ug/L	97
23) Bromochloromethane	4.256	128	23754	5.452	ug/L	92
25) Chloroform	4.378	83	103626	5.815	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	56136	5.970	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	79806	4.855	ug/L	98
30) Cyclohexane	4.680	56	47777	3.197	ug/L	95
31) Carbon tetrachloride	4.831	117	60063	4.321	ug/L	100
33) Benzene	5.101	78	199108	4.837	ug/L	100
34) Trichloroethene	5.915	95	46016	4.210	ug/L	98
35) Methylcyclohexane	6.133	83	51224	2.937	ug/L	97
37) 1,2-Dichloropropane	6.172	63	52161	5.477	ug/L	99
38) Bromodichloromethane	6.510	83	68279	5.775	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	58685	4.702	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	263443	69.085	ug/L	96
42) Toluene	7.387	91	198032	4.422	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	47956	4.946	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	36175	5.672	ug/L	98
47) Tetrachloroethene	7.976	164	31634	3.697	ug/L	92
48) 2-Hexanone	8.140	43	196181	73.822	ug/L	94
49) Dibromochloromethane	8.246	129	39569	5.652	ug/L	99
50) 1,2-Dibromoethane	8.352	107	30638	5.114	ug/L #	97
51) Chlorobenzene	8.879	112	123752	4.328	ug/L	98
52) Ethylbenzene	9.011	91	184199	3.857	ug/L	100
53) m,p-Xylene	9.137	106	72653	4.001	ug/L	96
54) o-Xylene	9.542	106	71814	4.072	ug/L	98
55) Styrene	9.561	104	127646	4.451	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	39866	6.256	ug/L	99
59) Bromoform	9.731	173	17084	5.689	ug/L	96
60) Isopropylbenzene	9.931	105	181737	4.036	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	30449	6.355	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	75435	3.757	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	138675	3.833	ug/L	97
64) 1,3-Dichlorobenzene	11.182	146	88512	4.211	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	87269	4.090	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	85194	4.577	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5648	6.818	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	61277	3.832	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	45470	3.688	ug/L	98
71) Naphthalene	13.500	128	74520	4.121	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	39879	3.907	ug/L	100

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

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