

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032224\
 Data File : VW034803.D
 Acq On : 22 Mar 2024 08:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050302

Quant Time: Mar 23 04:52:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:59:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	250717	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	238682	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	131741	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	101243	46.582	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.160%
7) Chloroethane-d5	1.532	69	82597	48.779	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.560%
11) 1,1-Dichloroethene-d2	2.060	65	47123	47.941	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.880%
21) 2-Butanone-d5	3.789	46	115187	79.249	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.250%
24) Chloroform-d	4.246	84	202901	52.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	4.937	65	133708	53.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.480%
32) Benzene-d6	4.957	84	369979	51.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.720%
36) 1,2-Dichloropropane-d6	5.985	67	101447	46.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.300%
41) Toluene-d8	7.239	98	351247	53.882	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.760%
43) trans-1,3-Dichloroprop...	7.548	79	59122	53.555	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.100%
47) 2-Hexanone-d5	8.021	63	74261	67.647	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.650%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	135839	46.954	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.900%
66) 1,2-Dichlorobenzene-d4	11.558	152	147365	54.725	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	124750	47.436	ug/L	99
3) Chloromethane	1.217	50	90016	34.834	ug/L	99
5) Vinyl chloride	1.285	62	99459	39.650	ug/L	100
6) Bromomethane	1.490	94	67236	44.675	ug/L	99
8) Chloroethane	1.552	64	67376	45.190	ug/L	100
9) Trichlorofluoromethane	1.712	101	194608	51.807	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	104617	51.674	ug/L	94
12) 1,1-Dichloroethene	2.069	96	88703	47.249	ug/L	93
13) Acetone	2.124	43	179942	102.982	ug/L	99
14) Carbon disulfide	2.243	76	208834	40.082	ug/L	99
15) Methyl Acetate	2.375	43	99036	44.304	ug/L	94
16) Methylene chloride	2.445	84	106813	53.637	ug/L	89
17) trans-1,2-Dichloroethene	2.693	96	92180	50.730	ug/L	95
18) Methyl tert-butyl Ether	2.699	73	369840	56.677	ug/L	96
19) 1,1-Dichloroethane	3.111	63	178931	50.268	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	107890	54.724	ug/L	91
22) 2-Butanone	3.867	43	166557	96.531	ug/L	91
23) Bromochloromethane	4.143	128	59480	58.344	ug/L	# 88
25) Chloroform	4.272	83	203744	55.224	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	171240	57.127	ug/L	98
29) Cyclohexane	4.580	56	132636	42.248	ug/L	91
30) 1,1,1-Trichloroethane	4.510	97	194935	56.954	ug/L	98
31) Carbon tetrachloride	4.731	117	177427	58.552	ug/L	100
33) Benzene	5.008	78	378675	51.112	ug/L	100
34) Trichloroethene	5.831	95	108084	51.323	ug/L	93
35) Methylcyclohexane	6.047	83	155052	48.430	ug/L	95
37) 1,2-Dichloropropane	6.088	63	94857	48.904	ug/L #	97
38) Bromodichloromethane	6.429	83	152710	55.971	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	172169	54.785	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	257516	90.036	ug/L #	93
42) Toluene	7.310	91	423562	54.019	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	167072	55.276	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	105401	56.319	ug/L	97
46) Tetrachloroethene	7.902	164	89919	57.413	ug/L	98
48) 2-Hexanone	8.072	43	229280	100.601	ug/L #	95
49) Dibromochloromethane	8.172	129	120980	61.257	ug/L	98
50) 1,2-Dibromoethane	8.278	107	107719	54.240	ug/L	99
51) Chlorobenzene	8.812	112	293210	57.844	ug/L	95
52) Ethylbenzene	8.944	91	495338	56.380	ug/L	98
53) m,p-Xylene	9.069	106	189898	56.959	ug/L	97
54) o-Xylene	9.474	106	187789	57.521	ug/L	100
55) Styrene	9.493	104	326042	58.985	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	145233	51.667	ug/L	99
59) Bromoform	9.661	173	89625	61.361	ug/L	99
60) Isopropylbenzene	9.863	105	526738	56.533	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	125288	49.821	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	450534	57.322	ug/L	97
63) 1,2,4-Trimethylbenzene	10.850	105	452927	58.266	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	256901	59.634	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	261322	59.734	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	255606	59.212	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	37474	50.024	ug/L	91
69) 1,3,5-Trichlorobenzene	12.580	180	196870	60.917	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	174896	60.143	ug/L	99
71) Naphthalene	13.435	128	348733	44.832	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	161715	57.005	ug/L	99

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

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