

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032024\
 Data File : VW034774.D
 Acq On : 20 Mar 2024 19:43
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050299

Quant Time: Mar 21 02:23:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 02:16:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	345464	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	329465	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	172350	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	118335	39.513	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.020%		
7) Chloroethane-d5	1.532	69	105020	45.012	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.020%		
11) 1,1-Dichloroethene-d2	2.060	65	46913	34.637	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.280%		
21) 2-Butanone-d5	3.789	46	201799	100.761	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.760%		
24) Chloroform-d	4.249	84	259285	48.967	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.940%		
26) 1,2-Dichloroethane-d4	4.940	65	171574	49.584	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.160%		
32) Benzene-d6	4.957	84	485682	48.845	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.680%		
36) 1,2-Dichloropropane-d6	5.985	67	151111	49.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.600%		
41) Toluene-d8	7.239	98	442065	49.128	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.260%		
43) trans-1,3-Dichloroprop...	7.551	79	77754	51.025	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.060%		
47) 2-Hexanone-d5	8.024	63	131283	86.638	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.640%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	209905	52.563	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.120%		
66) 1,2-Dichlorobenzene-d4	11.561	152	176493	50.099	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	143919	39.716	ug/L	99
3) Chloromethane	1.217	50	140079	39.341	ug/L	98
5) Vinyl chloride	1.285	62	142180	41.136	ug/L	98
6) Bromomethane	1.487	94	90344	43.565	ug/L	100
8) Chloroethane	1.548	64	92722	45.134	ug/L	100
9) Trichlorofluoromethane	1.712	101	227217	43.898	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	109391	39.213	ug/L	98
12) 1,1-Dichloroethene	2.069	96	98300	38.000	ug/L	96
13) Acetone	2.121	43	129424	53.756	ug/L	98
14) Carbon disulfide	2.240	76	279462	38.927	ug/L	100
15) Methyl Acetate	2.375	43	163012	52.923	ug/L	98
16) Methylene chloride	2.445	84	137851	50.238	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	119220	47.616	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	474832	52.810	ug/L	99
19) 1,1-Dichloroethane	3.111	63	252913	51.565	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	141001	51.904	ug/L	94
22) 2-Butanone	3.870	43	219252	92.220	ug/L	98
23) Bromochloromethane	4.146	128	73096	52.035	ug/L	98
25) Chloroform	4.275	83	261058	51.352	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	217493	52.658	ug/L	99
29) Cyclohexane	4.580	56	188726	43.550	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	235283	49.801	ug/L	99
31) Carbon tetrachloride	4.735	117	202334	48.372	ug/L	99
33) Benzene	5.008	78	516174	50.474	ug/L	100
34) Trichloroethene	5.831	95	137343	47.246	ug/L	96
35) Methylcyclohexane	6.050	83	194693	44.055	ug/L	99
37) 1,2-Dichloropropane	6.092	63	138631	51.778	ug/L	99
38) Bromodichloromethane	6.432	83	193474	51.373	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	226102	52.122	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	431619	109.326	ug/L	98
42) Toluene	7.313	91	552677	51.064	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	218472	52.365	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	142598	55.199	ug/L	99
46) Tetrachloroethene	7.905	164	102634	47.474	ug/L	99
48) 2-Hexanone	8.072	43	341309	108.491	ug/L	97
49) Dibromochloromethane	8.175	129	146999	53.922	ug/L	100
50) 1,2-Dibromoethane	8.281	107	144775	52.812	ug/L	98
51) Chlorobenzene	8.812	112	363847	52.000	ug/L	98
52) Ethylbenzene	8.944	91	624412	51.488	ug/L	100
53) m,p-Xylene	9.072	106	233097	50.651	ug/L	96
54) o-Xylene	9.477	106	235408	52.238	ug/L	98
55) Styrene	9.493	104	403713	52.911	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	220104	56.727	ug/L	99
59) Bromoform	9.664	173	107097	56.047	ug/L	99
60) Isopropylbenzene	9.866	105	641833	52.655	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	181098	55.046	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	540315	52.548	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	542009	53.297	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	299074	53.066	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	302840	52.914	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	303550	53.750	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	55017	56.138	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	213447	50.484	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	194493	51.123	ug/L	98
71) Naphthalene	13.439	128	539803	53.044	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	196193	52.863	ug/L	99

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

