

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042524\
 Data File : VW035401.D
 Acq On : 25 Apr 2024 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050339

Quant Time: Apr 26 01:32:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:57:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	422291	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	426226	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	233429	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	177497	43.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.040%
7) Chloroethane-d5	1.526	69	121789	34.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.760%#
11) 1,1-Dichloroethene-d2	2.053	65	75265	42.101	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.200%
21) 2-Butanone-d5	3.786	46	222436	91.963	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.960%
24) Chloroform-d	4.243	84	347307	50.651	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.300%
26) 1,2-Dichloroethane-d4	4.934	65	209308	48.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
32) Benzene-d6	4.953	84	656596	45.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.720%
36) 1,2-Dichloropropane-d6	5.985	67	209690	46.122	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.240%
41) Toluene-d8	7.239	98	595554	46.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.380%
43) trans-1,3-Dichloroprop...	7.548	79	98018	44.348	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.700%
47) 2-Hexanone-d5	8.024	63	133893	77.894	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.890%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	316498	50.553	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.100%
66) 1,2-Dichlorobenzene-d4	11.558	152	242852	46.337	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	193010	63.062	ug/L	99
3) Chloromethane	1.214	50	196375	49.908	ug/L	100
5) Vinyl chloride	1.285	62	208930	50.650	ug/L	98
6) Bromomethane	1.487	94	129496	41.881	ug/L	100
8) Chloroethane	1.542	64	114301	40.573	ug/L	99
9) Trichlorofluoromethane	1.706	101	277575	51.270	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	172520	52.062	ug/L	96
12) 1,1-Dichloroethene	2.066	96	154189	48.651	ug/L	88
13) Acetone	2.117	43	263095	118.479	ug/L	100
14) Carbon disulfide	2.236	76	443372	49.677	ug/L	99
15) Methyl Acetate	2.371	43	188962	53.999	ug/L	97
16) Methylene chloride	2.442	84	198807	57.893	ug/L	95
17) trans-1,2-Dichloroethene	2.690	96	169512	55.322	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	577400	53.649	ug/L	99
19) 1,1-Dichloroethane	3.108	63	350926	55.848	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	194226	55.821	ug/L	93
22) 2-Butanone	3.866	43	281951	109.421	ug/L	99
23) Bromochloromethane	4.140	128	106761	61.327	ug/L	87
25) Chloroform	4.268	83	358251	57.667	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	271112	54.811	ug/L	96
29) Cyclohexane	4.577	56	254607	47.693	ug/L	96
30) 1,1,1-Trichloroethane	4.506	97	303088	54.553	ug/L	99
31) Carbon tetrachloride	4.728	117	263731	56.005	ug/L	100
33) Benzene	5.005	78	738597	53.142	ug/L	100
34) Trichloroethene	5.828	95	193488	51.584	ug/L	98
35) Methylcyclohexane	6.046	83	294155	51.927	ug/L	98
37) 1,2-Dichloropropane	6.088	63	205011	53.375	ug/L	99
38) Bromodichloromethane	6.426	83	269172	54.315	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	300533	49.669	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	489521	99.822	ug/L	98
42) Toluene	7.310	91	795496	54.670	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	290078	52.183	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	208172	57.502	ug/L	97
46) Tetrachloroethene	7.902	164	153795	58.689	ug/L	97
48) 2-Hexanone	8.072	43	422778	101.365	ug/L	95
49) Dibromochloromethane	8.172	129	210080	58.590	ug/L	99
50) 1,2-Dibromoethane	8.278	107	211251	54.200	ug/L #	98
51) Chlorobenzene	8.808	112	523544	55.515	ug/L	98
52) Ethylbenzene	8.943	91	854892	53.011	ug/L	99
53) m,p-Xylene	9.069	106	324991	54.723	ug/L	97
54) o-Xylene	9.474	106	318179	54.148	ug/L	99
55) Styrene	9.493	104	569433	57.345	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	332587	56.701	ug/L	98
59) Bromoform	9.660	173	160996	60.185	ug/L	99
60) Isopropylbenzene	9.863	105	863656	51.322	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	256900	50.788	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	698545	63.916	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	708000	52.396	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	425473	54.103	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	435269	54.427	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	436412	55.706	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	58785	42.183	ug/L	88
69) 1,3,5-Trichlorobenzene	12.580	180	308713	54.468	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	249030	47.833	ug/L	98
71) Naphthalene	13.435	128	588657	40.754	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	257306	50.139	ug/L	99

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

