

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032124\
 Data File : VW034776.D
 Acq On : 21 Mar 2024 09:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050300

Quant Time: Mar 22 01:54:52 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	358040	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	337217	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	179102	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	165518	53.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 106.660%	
7) Chloroethane-d5	1.532	69	126476	52.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 104.600%	
11) 1,1-Dichloroethene-d2	2.059	65	61528	43.833	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 87.660%	
21) 2-Butanone-d5	3.789	46	186424	89.815	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 89.810%	
24) Chloroform-d	4.246	84	269999	49.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.400%	
26) 1,2-Dichloroethane-d4	4.937	65	177170	49.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.800%	
32) Benzene-d6	4.956	84	526676	51.750	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.500%	
36) 1,2-Dichloropropane-d6	5.985	67	155439	50.046	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 100.100%	
41) Toluene-d8	7.239	98	485852	52.753	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.500%	
43) trans-1,3-Dichloroprop...	7.551	79	79598	51.034	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.060%	
47) 2-Hexanone-d5	8.024	63	112608	72.605	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 72.610%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	199431	48.792	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 97.580%	
66) 1,2-Dichlorobenzene-d4	11.557	152	181204	49.497	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 99.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	166660	44.377	ug/L	100
3) Chloromethane	1.217	50	149210	40.433	ug/L	100
5) Vinyl chloride	1.285	62	156716	43.749	ug/L	98
6) Bromomethane	1.490	94	96040	44.685	ug/L	99
8) Chloroethane	1.548	64	99879	46.910	ug/L	98
9) Trichlorofluoromethane	1.712	101	248481	46.320	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	126774	43.848	ug/L	99
12) 1,1-Dichloroethene	2.069	96	109290	40.765	ug/L	93
13) Acetone	2.124	43	217134	87.018	ug/L	98
14) Carbon disulfide	2.240	76	302772	40.692	ug/L	99
15) Methyl Acetate	2.375	43	162807	51.000	ug/L	98
16) Methylene chloride	2.445	84	146170	51.399	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	126866	48.890	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	505597	54.256	ug/L	99
19) 1,1-Dichloroethane	3.111	63	271186	53.349	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	149464	53.087	ug/L	95
22) 2-Butanone	3.870	43	263854	107.082	ug/L	97
23) Bromochloromethane	4.146	128	76200	52.340	ug/L	98
25) Chloroform	4.272	83	274897	52.175	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	218510	51.046	ug/L	99
29) Cyclohexane	4.580	56	199405	44.957	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	244730	50.610	ug/L	99
31) Carbon tetrachloride	4.731	117	214195	50.031	ug/L	99
33) Benzene	5.008	78	535524	51.162	ug/L	100
34) Trichloroethene	5.828	95	147030	49.416	ug/L	98
35) Methylcyclohexane	6.046	83	215628	47.671	ug/L	98
37) 1,2-Dichloropropane	6.088	63	146478	53.451	ug/L	99
38) Bromodichloromethane	6.429	83	202480	52.528	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	236683	53.307	ug/L	96
40) 4-Methyl-2-pentanone	7.152	43	419656	103.852	ug/L	99
42) Toluene	7.313	91	573393	51.760	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	224403	52.550	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	148499	56.162	ug/L	98
46) Tetrachloroethene	7.902	164	111291	50.295	ug/L	98
48) 2-Hexanone	8.072	43	365297	113.447	ug/L	97
49) Dibromochloromethane	8.172	129	153251	54.923	ug/L	98
50) 1,2-Dibromoethane	8.278	107	146838	52.333	ug/L	99
51) Chlorobenzene	8.812	112	376070	52.512	ug/L	99
52) Ethylbenzene	8.943	91	653026	52.609	ug/L	100
53) m,p-Xylene	9.069	106	245329	52.083	ug/L	100
54) o-Xylene	9.477	106	244066	52.915	ug/L	99
55) Styrene	9.493	104	423054	54.172	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	217229	54.699	ug/L	97
59) Bromoform	9.660	173	108850	54.817	ug/L	100
60) Isopropylbenzene	9.863	105	676758	53.427	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	177233	51.840	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	565703	52.943	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	566843	53.637	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	314470	53.694	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	313777	52.758	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	315772	53.807	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	49442	48.548	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	229283	52.185	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	199984	50.585	ug/L	100
71) Naphthalene	13.435	128	426475	40.328	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	192469	49.905	ug/L	99

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

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