

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031924\
 Data File : VW034721.D
 Acq On : 19 Mar 2024 09:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050296

Quant Time: Mar 20 01:14:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 02:53:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	370219	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	348119	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	183198	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	172246	53.669	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	107.340%	
7) Chloroethane-d5	1.532	69	134157	53.655	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	107.320%	
11) 1,1-Dichloroethene-d2	2.060	65	75434	51.971	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	103.940%	
21) 2-Butanone-d5	3.786	46	209846	97.773	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	97.770%	
24) Chloroform-d	4.243	84	302740	53.350	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	106.700%	
26) 1,2-Dichloroethane-d4	4.934	65	194489	52.448	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	104.900%	
32) Benzene-d6	4.957	84	578494	55.062	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	110.120%	
36) 1,2-Dichloropropane-d6	5.982	67	166237	51.847	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	103.700%	
41) Toluene-d8	7.239	98	509336	53.571	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	107.140%	
43) trans-1,3-Dichloroprop...	7.548	79	85214	52.924	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	105.840%	
47) 2-Hexanone-d5	8.021	63	128155	80.042	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	80.040%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	217841	51.627	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	103.260%	
66) 1,2-Dichlorobenzene-d4	11.558	152	195062	52.091	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	104.180%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	172803	44.499	ug/L	100
3) Chloromethane	1.217	50	156064	40.899	ug/L	100
5) Vinyl chloride	1.285	62	163280	44.082	ug/L	100
6) Bromomethane	1.490	94	98559	44.349	ug/L	100
8) Chloroethane	1.548	64	101289	46.008	ug/L	98
9) Trichlorofluoromethane	1.712	101	256854	46.306	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	147688	49.401	ug/L	98
12) 1,1-Dichloroethene	2.069	96	127460	45.978	ug/L	89
13) Acetone	2.121	43	273873	106.146	ug/L	98
14) Carbon disulfide	2.240	76	321262	41.757	ug/L	99
15) Methyl Acetate	2.371	43	171850	52.062	ug/L	99
16) Methylene chloride	2.445	84	150959	51.337	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	130253	48.544	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	507782	52.698	ug/L	99
19) 1,1-Dichloroethane	3.108	63	280292	53.326	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	151561	52.061	ug/L	99
22) 2-Butanone	3.867	43	262209	102.914	ug/L	97
23) Bromochloromethane	4.143	128	79530	52.830	ug/L	95
25) Chloroform	4.272	83	285230	52.355	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	230009	51.964	ug/L	99
29) Cyclohexane	4.580	56	215906	47.152	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	253397	50.761	ug/L	100
31) Carbon tetrachloride	4.732	117	221822	50.190	ug/L	100
33) Benzene	5.005	78	561338	51.949	ug/L	100
34) Trichloroethene	5.828	95	147584	48.049	ug/L	98
35) Methylcyclohexane	6.047	83	221664	47.470	ug/L	99
37) 1,2-Dichloropropane	6.088	63	145325	51.369	ug/L	100
38) Bromodichloromethane	6.429	83	205296	51.591	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	241047	52.590	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	432327	103.637	ug/L	99
42) Toluene	7.310	91	581136	50.816	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	227930	51.705	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	146675	53.735	ug/L	99
46) Tetrachloroethene	7.902	164	113451	49.666	ug/L	99
48) 2-Hexanone	8.072	43	374615	112.698	ug/L	98
49) Dibromochloromethane	8.172	129	154469	53.626	ug/L	97
50) 1,2-Dibromoethane	8.278	107	147012	50.754	ug/L	99
51) Chlorobenzene	8.812	112	378464	51.191	ug/L	98
52) Ethylbenzene	8.944	91	663571	51.785	ug/L	100
53) m,p-Xylene	9.069	106	248601	51.125	ug/L	98
54) o-Xylene	9.474	106	242952	51.024	ug/L	97
55) Styrene	9.493	104	426626	52.918	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	220338	53.744	ug/L	100
59) Bromoform	9.661	173	110072	54.193	ug/L	99
60) Isopropylbenzene	9.863	105	676222	52.191	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	180455	51.602	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	567592	51.932	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	573190	53.025	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	314471	52.494	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	315110	51.797	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	310066	51.653	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	50446	48.426	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	230709	51.336	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	200087	49.479	ug/L	98
71) Naphthalene	13.435	128	439675	40.647	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	190440	48.275	ug/L	99

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

