

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
 Data File : VW035118.D
 Acq On : 10 Apr 2024 18:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050325

Quant Time: Apr 11 06:59:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	330362	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	323280	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	172398	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	167862	52.613	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	105.220%	
7) Chloroethane-d5	1.532	69	156249	56.384	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	112.760%	
11) 1,1-Dichloroethene-d2	2.056	65	72004	51.485	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	102.960%	
21) 2-Butanone-d5	3.789	46	217902	115.157	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	115.160%	
24) Chloroform-d	4.246	84	287362	53.570	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	107.140%	
26) 1,2-Dichloroethane-d4	4.941	65	180976	53.139	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	106.280%	
32) Benzene-d6	4.957	84	570630	52.549	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	105.100%	
36) 1,2-Dichloropropane-d6	5.986	67	183328	53.165	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	106.320%	
41) Toluene-d8	7.239	98	526670	53.854	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	107.700%	
43) trans-1,3-Dichloroprop...	7.551	79	83329	49.708	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	99.420%	
47) 2-Hexanone-d5	8.024	63	127559	97.840	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	97.840%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	257146	54.152	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	108.300%	
66) 1,2-Dichlorobenzene-d4	11.558	152	190643	49.253	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	98.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	110399	46.108	ug/L	100
3) Chloromethane	1.214	50	142462	46.281	ug/L	99
5) Vinyl chloride	1.282	62	152191	47.162	ug/L	100
6) Bromomethane	1.487	94	105357	43.556	ug/L	98
8) Chloroethane	1.548	64	120100	54.494	ug/L	98
9) Trichlorofluoromethane	1.712	101	220952	52.168	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	139088	53.653	ug/L	99
12) 1,1-Dichloroethene	2.069	96	123817	49.939	ug/L	95
13) Acetone	2.121	43	202390	116.504	ug/L	99
14) Carbon disulfide	2.240	76	299997	42.966	ug/L	100
15) Methyl Acetate	2.375	43	177343	64.781	ug/L	98
16) Methylene chloride	2.445	84	154726	57.594	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	123236	51.411	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	475016	56.418	ug/L	98
19) 1,1-Dichloroethane	3.111	63	283408	57.654	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	150940	55.451	ug/L	98
22) 2-Butanone	3.873	43	242346	120.222	ug/L	99
23) Bromochloromethane	4.143	128	77321	56.775	ug/L	95
25) Chloroform	4.275	83	283669	58.368	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	228119	58.953	ug/L	100
29) Cyclohexane	4.580	56	205445	50.739	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	235469	55.878	ug/L	99
31) Carbon tetrachloride	4.735	117	196716	55.077	ug/L	100
33) Benzene	5.008	78	578944	54.919	ug/L	100
34) Trichloroethene	5.831	95	150340	52.844	ug/L	98
35) Methylcyclohexane	6.050	83	221939	51.655	ug/L	99
37) 1,2-Dichloropropane	6.092	63	168417	57.811	ug/L	100
38) Bromodichloromethane	6.429	83	214274	57.006	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	250839	54.658	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	460104	123.700	ug/L	98
42) Toluene	7.313	91	616043	55.819	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	233636	55.414	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	161423	58.788	ug/L	99
46) Tetrachloroethene	7.905	164	109144	54.913	ug/L	97
48) 2-Hexanone	8.072	43	378408	119.618	ug/L	99
49) Dibromochloromethane	8.175	129	155429	57.152	ug/L	100
50) 1,2-Dibromoethane	8.281	107	165118	55.855	ug/L	99
51) Chlorobenzene	8.812	112	393680	55.037	ug/L	100
52) Ethylbenzene	8.944	91	666148	54.461	ug/L	100
53) m,p-Xylene	9.072	106	246949	54.823	ug/L	99
54) o-Xylene	9.477	106	245869	55.166	ug/L	99
55) Styrene	9.493	104	435249	57.789	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	263798	59.295	ug/L	98
59) Bromoform	9.664	173	112714	57.052	ug/L	99
60) Isopropylbenzene	9.866	105	669493	53.868	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	215919	57.798	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	431416	53.448	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	536121	53.722	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	306239	52.727	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	311207	52.690	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	315412	54.514	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	57641	56.005	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	222006	53.037	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	189565	49.301	ug/L	99
71) Naphthalene	13.439	128	470677	44.122	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	200115	52.799	ug/L	99

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

