

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040824\
 Data File : VW035066.D
 Acq On : 08 Apr 2024 19:51
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050321

Quant Time: Apr 09 02:17:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	386537	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	374670	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	190588	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	152626	40.886	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.780%
7) Chloroethane-d5	1.529	69	154234	47.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.140%
11) 1,1-Dichloroethene-d2	2.056	65	68413	41.808	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.620%
21) 2-Butanone-d5	3.789	46	222891	100.675	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.680%
24) Chloroform-d	4.246	84	289454	46.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.240%
26) 1,2-Dichloroethane-d4	4.937	65	181550	45.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.120%
32) Benzene-d6	4.957	84	565452	44.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.860%
36) 1,2-Dichloropropane-d6	5.985	67	181983	45.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.080%
41) Toluene-d8	7.239	98	507848	44.807	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.620%
43) trans-1,3-Dichloroprop...	7.551	79	83876	43.171	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.340%
47) 2-Hexanone-d5	8.024	63	132859	87.928	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.930%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	261306	47.481	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.960%
66) 1,2-Dichlorobenzene-d4	11.558	152	188902	44.145	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	117617	41.983	ug/L	100
3) Chloromethane	1.214	50	152099	42.231	ug/L	100
5) Vinyl chloride	1.282	62	161544	42.785	ug/L	99
6) Bromomethane	1.487	94	114054	40.299	ug/L	100
8) Chloroethane	1.548	64	129154	50.085	ug/L	97
9) Trichlorofluoromethane	1.712	101	225227	45.449	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	138116	45.535	ug/L	98
12) 1,1-Dichloroethene	2.069	96	127147	43.829	ug/L	91
13) Acetone	2.121	43	185307	91.168	ug/L	98
14) Carbon disulfide	2.240	76	321289	39.328	ug/L	100
15) Methyl Acetate	2.371	43	183836	57.394	ug/L	98
16) Methylene chloride	2.445	84	159373	50.702	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	131268	46.803	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	510637	51.834	ug/L	99
19) 1,1-Dichloroethane	3.108	63	300360	52.222	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	159674	50.135	ug/L	100
22) 2-Butanone	3.870	43	252935	107.240	ug/L	97
23) Bromochloromethane	4.143	128	81224	50.973	ug/L	97
25) Chloroform	4.272	83	296494	52.140	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	232303	51.309	ug/L	100
29) Cyclohexane	4.580	56	214415	45.691	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	244458	50.055	ug/L	99
31) Carbon tetrachloride	4.732	117	204038	49.291	ug/L	99
33) Benzene	5.008	78	606019	49.603	ug/L	100
34) Trichloroethene	5.831	95	154850	46.964	ug/L	100
35) Methylcyclohexane	6.047	83	223180	44.819	ug/L	99
37) 1,2-Dichloropropane	6.092	63	179494	53.162	ug/L	100
38) Bromodichloromethane	6.429	83	223562	51.319	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	263257	49.496	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	483139	112.077	ug/L	99
42) Toluene	7.313	91	638429	49.913	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	246460	50.437	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	170719	53.646	ug/L	99
46) Tetrachloroethene	7.902	164	112916	49.018	ug/L	98
48) 2-Hexanone	8.072	43	387237	105.619	ug/L	98
49) Dibromochloromethane	8.175	129	164786	52.282	ug/L	98
50) 1,2-Dibromoethane	8.281	107	173588	50.666	ug/L	98
51) Chlorobenzene	8.812	112	422912	51.015	ug/L	99
52) Ethylbenzene	8.944	91	693315	48.908	ug/L	100
53) m,p-Xylene	9.072	106	258006	49.422	ug/L	100
54) o-Xylene	9.477	106	256546	49.667	ug/L	96
55) Styrene	9.493	104	448177	51.344	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	283346	54.953	ug/L	99
59) Bromoform	9.664	173	123128	56.375	ug/L	99
60) Isopropylbenzene	9.863	105	698540	50.841	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	225408	54.579	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	451500	50.598	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	566319	51.332	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	319886	49.820	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	336604	51.551	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	339822	53.128	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	60389	53.075	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	227025	49.059	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	213668	50.266	ug/L	100
71) Naphthalene	13.435	128	491576	41.683	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	211460	50.467	ug/L	99

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

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