

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092122\
 Data File : VW028060.D
 Acq On : 22 Sep 2022 13:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050348

Quant Time: Sep 22 13:40:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 05:25:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	366956	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	353122	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	192930	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	148104	45.974	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.940%
7) Chloroethane-d5	1.561	69	121259	47.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.240%
11) 1,1-Dichloroethene-d2	2.101	63	271374	47.551	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.100%
21) 2-Butanone-d5	3.883	46	238494	124.500	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.500%
24) Chloroform-d	4.342	84	279682	51.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.420%
26) 1,2-Dichloroethane-d4	5.027	65	176491	50.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.700%
32) Benzene-d6	5.043	84	546443	53.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.380%
36) 1,2-Dichloropropane-d6	6.066	67	170352	54.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.400%
41) Toluene-d8	7.313	98	489920	52.564	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.120%
43) trans-1,3-Dichloroprop...	7.619	79	82377	52.414	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.820%
47) 2-Hexanone-d5	8.088	63	180510	117.239	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	251133	54.288	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.580%
66) 1,2-Dichlorobenzene-d4	11.622	152	193247	51.599	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	131651	47.440	ug/L	98
3) Chloromethane	1.236	50	155157	47.865	ug/L	98
5) Vinyl chloride	1.304	62	168065	50.993	ug/L	100
6) Bromomethane	1.516	94	107441	49.935	ug/L	98
8) Chloroethane	1.577	64	104519	50.074	ug/L	99
9) Trichlorofluoromethane	1.744	101	245506	50.567	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	137537	51.638	ug/L	99
12) 1,1-Dichloroethene	2.111	96	131608	49.431	ug/L	84
13) Acetone	2.172	43	165381	96.874	ug/L	100
14) Carbon disulfide	2.285	76	344595	48.912	ug/L	100
15) Methyl Acetate	2.429	43	163623	55.485	ug/L	100
16) Methylene chloride	2.500	84	151356	48.486	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	129299	51.027	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	420965	52.922	ug/L	100
19) 1,1-Dichloroethane	3.185	63	269150	54.984	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	149616	52.939	ug/L	93
22) 2-Butanone	3.969	43	260446	128.156	ug/L	97
23) Bromochloromethane	4.243	128	80020	52.464	ug/L	92
25) Chloroform	4.371	83	278748	53.338	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	212705	52.480	ug/L	97
29) Cyclohexane	4.670	56	214459	55.634	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	238255	54.809	ug/L	100
31) Carbon tetrachloride	4.822	117	205609	53.260	ug/L	99
33) Benzene	5.095	78	592108	56.203	ug/L	100
34) Trichloroethene	5.912	95	141714	54.283	ug/L	99
35) Methylcyclohexane	6.127	83	229492	54.465	ug/L	99
37) 1,2-Dichloropropane	6.172	63	156346	56.573	ug/L	99
38) Bromodichloromethane	6.506	83	205103	53.151	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	214245	51.194	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	455374	115.531	ug/L	100
42) Toluene	7.384	91	600967	53.831	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	226521	54.258	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	152073	54.546	ug/L	97
46) Tetrachloroethene	7.973	164	115791	53.310	ug/L	98
48) 2-Hexanone	8.137	43	393145	122.943	ug/L	100
49) Dibromochloromethane	8.243	129	164467	53.438	ug/L	94
50) 1,2-Dibromoethane	8.349	107	155482	54.381	ug/L	98
51) Chlorobenzene	8.879	112	388958	52.190	ug/L	99
52) Ethylbenzene	9.011	91	643748	53.413	ug/L	99
53) m,p-Xylene	9.136	106	249266	53.941	ug/L	99
54) o-Xylene	9.542	106	245851	55.140	ug/L	98
55) Styrene	9.558	104	447133	56.514	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	256357	54.822	ug/L	98
59) Bromoform	9.728	173	123074	55.126	ug/L	98
60) Isopropylbenzene	9.927	105	645530	56.574	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	206192	56.935	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	538500	55.188	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	527844	54.244	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	305772	52.578	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	312242	52.404	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	313136	52.989	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	60537	54.397	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	233743	51.254	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	208005	50.897	ug/L	97
71) Naphthalene	13.500	128	705057	53.737	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	224784	53.254	ug/L	99

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

