

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029534.D
 Acq On : 09 Dec 2022 20:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050380

Quant Time: Dec 09 23:54:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 09 23:48:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	486562	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	450388	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	244066	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	163064	54.729	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 109.460%		
7) Chloroethane-d5	1.564	69	130822	57.581	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 115.160%		
11) 1,1-Dichloroethene-d2	2.108	63	271853	58.498	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 117.000%		
21) 2-Butanone-d5	3.870	46	193746	106.596	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 106.600%		
24) Chloroform-d	4.342	84	293964	52.429	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 104.860%		
26) 1,2-Dichloroethane-d4	5.027	65	170665	53.295	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 106.580%		
32) Benzene-d6	5.047	84	626261	52.623	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 105.240%		
36) 1,2-Dichloropropane-d6	6.066	67	184079	50.639	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 101.280%		
41) Toluene-d8	7.310	98	581763	51.882	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 103.760%		
43) trans-1,3-Dichloroprop...	7.616	79	78451	42.738	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 85.480%		
47) 2-Hexanone-d5	8.082	63	169666	109.301	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 109.300%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	250491	48.221	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 96.440%		
66) 1,2-Dichlorobenzene-d4	11.612	152	227285	48.920	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 97.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	192298	50.175	ug/L	100
3) Chloromethane	1.240	50	204007	46.687	ug/L	99
5) Vinyl chloride	1.310	62	191927	52.497	ug/L	99
6) Bromomethane	1.516	94	86009	58.467	ug/L	100
8) Chloroethane	1.580	64	112964	55.490	ug/L	99
9) Trichlorofluoromethane	1.751	101	245681	53.681	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	140520	55.255	ug/L	98
12) 1,1-Dichloroethene	2.117	96	141488	54.402	ug/L	95
13) Acetone	2.156	43	116024	97.989	ug/L	99
14) Carbon disulfide	2.291	76	431842	49.891	ug/L	99
15) Methyl Acetate	2.423	43	149111	55.274	ug/L	98
16) Methylene chloride	2.503	84	172498	53.343	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	159889	53.355	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	497090	54.141	ug/L	99
19) 1,1-Dichloroethane	3.185	63	280046	54.550	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	175711	53.323	ug/L	96
22) 2-Butanone	3.953	43	204956	108.785	ug/L	97
23) Bromochloromethane	4.239	128	90589	53.388	ug/L	95
25) Chloroform	4.368	83	289579	54.409	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	207499	55.190	ug/L	99
29) Cyclohexane	4.674	56	260450	53.383	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	254279	51.820	ug/L	99
31) Carbon tetrachloride	4.825	117	217853	50.841	ug/L	100
33) Benzene	5.095	78	674454	53.127	ug/L	100
34) Trichloroethene	5.908	95	167063	52.515	ug/L	98
35) Methylcyclohexane	6.127	83	288141	53.330	ug/L	98
37) 1,2-Dichloropropane	6.169	63	163851	53.475	ug/L	100
38) Bromodichloromethane	6.503	83	216273	51.130	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	220045	43.666	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	410658	112.407	ug/L	98
42) Toluene	7.381	91	726503	53.168	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	215433	45.143	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	168319	53.172	ug/L	99
46) Tetrachloroethene	7.969	164	136113	53.218	ug/L	97
48) 2-Hexanone	8.133	43	314956	112.842	ug/L	97
49) Dibromochloromethane	8.239	129	176417	50.477	ug/L	98
50) 1,2-Dibromoethane	8.345	107	164566	50.460	ug/L	100
51) Chlorobenzene	8.873	112	459786	53.139	ug/L	100
52) Ethylbenzene	9.005	91	768251	53.477	ug/L	100
53) m,p-Xylene	9.130	106	300910	52.923	ug/L	99
54) o-Xylene	9.535	106	297436	52.885	ug/L	99
55) Styrene	9.551	104	532763	54.509	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	259802	51.306	ug/L	99
59) Bromoform	9.722	173	129552	48.051	ug/L	98
60) Isopropylbenzene	9.921	105	757856	52.888	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	197467	52.416	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	664862	52.476	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	659385	52.502	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	365250	52.131	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	367743	51.645	ug/L	99
67) 1,2-Dichlorobenzene	11.631	146	369481	51.570	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	53830	45.973	ug/L	98
69) 1,3,5-Trichlorobenzene	12.631	180	281627	50.509	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	257172	51.868	ug/L	99
71) Naphthalene	13.490	128	595769	52.974	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	255462	52.603	ug/L	99

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

