

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011422\
 Data File : VW024368.D
 Acq On : 14 Jan 2022 18:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050386

Quant Time: Jan 17 07:21:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	297074	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	277029	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	147203	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	88692	41.483	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.960%
7) Chloroethane-d5	1.568	69	71075	43.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.520%
11) 1,1-Dichloroethene-d2	2.111	63	176867	44.263	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.520%
21) 2-Butanone-d5	3.880	46	150139	126.043	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.040%
24) Chloroform-d	4.349	84	214108	54.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.580%
26) 1,2-Dichloroethane-d4	5.034	65	134708	51.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.980%
32) Benzene-d6	5.050	84	402629	55.694	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.380%
36) 1,2-Dichloropropane-d6	6.069	67	123392	60.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.800%#
41) Toluene-d8	7.313	98	381225	54.464	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.920%
43) trans-1,3-Dichloroprop...	7.619	79	63165	54.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.280%
47) 2-Hexanone-d5	8.085	63	107424	122.041	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	166965	57.666	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.340%
66) 1,2-Dichlorobenzene-d4	11.622	152	157121	53.550	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	87742	36.610	ug/L	100
3) Chloromethane	1.243	50	86238	42.829	ug/L	99
5) Vinyl chloride	1.311	62	92656	43.489	ug/L	96
6) Bromomethane	1.523	94	58754	48.394	ug/L	97
8) Chloroethane	1.584	64	56406	42.892	ug/L	95
9) Trichlorofluoromethane	1.754	101	156398	40.839	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	82649	44.159	ug/L	96
12) 1,1-Dichloroethene	2.121	96	78448	43.353	ug/L	87
13) Acetone	2.172	43	100873	85.770	ug/L	98
14) Carbon disulfide	2.294	76	205210	39.057	ug/L	100
15) Methyl Acetate	2.429	43	99720	58.297	ug/L	97
16) Methylene chloride	2.507	84	99811	50.651	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	90402	48.482	ug/L	95
18) Methyl tert-butyl Ether	2.767	73	324561	56.477	ug/L	98
19) 1,1-Dichloroethane	3.191	63	174501	56.422	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	105776	53.116	ug/L	99
22) 2-Butanone	3.963	43	139125	111.363	ug/L	91
23) Bromochloromethane	4.249	128	58227	50.744	ug/L	92
25) Chloroform	4.375	83	221354	61.214	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	145705	49.540	ug/L	98
29) Cyclohexane	4.680	56	132354	53.446	ug/L	95
30) 1,1,1-Trichloroethane	4.609	97	173658	50.947	ug/L	99
31) Carbon tetrachloride	4.828	117	149217	47.187	ug/L	98
33) Benzene	5.101	78	382659	54.323	ug/L	100
34) Trichloroethene	5.915	95	105911	54.523	ug/L	96
35) Methylcyclohexane	6.130	83	136900	47.520	ug/L	97
37) 1,2-Dichloropropane	6.172	63	100499	60.657	ug/L	97
38) Bromodichloromethane	6.510	83	143532	55.206	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	162010	58.169	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	277266	128.334	ug/L	98
42) Toluene	7.387	91	427346	54.045	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	156928	55.545	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	103580	55.766	ug/L	97
46) Tetrachloroethene	7.976	164	85266	48.227	ug/L	97
48) 2-Hexanone	8.137	43	209181	120.544	ug/L	97
49) Dibromochloromethane	8.246	129	117846	50.616	ug/L	99
50) 1,2-Dibromoethane	8.352	107	110919	55.598	ug/L	99
51) Chlorobenzene	8.879	112	284064	53.337	ug/L	98
52) Ethylbenzene	9.011	91	460312	54.491	ug/L	99
53) m,p-Xylene	9.137	106	179752	53.086	ug/L	98
54) o-Xylene	9.542	106	176093	54.480	ug/L	99
55) Styrene	9.558	104	306539	54.611	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	153585	56.628	ug/L	99
59) Bromoform	9.731	173	83614	49.814	ug/L	99
60) Isopropylbenzene	9.931	105	471720	57.911	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	127620	59.042	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	398295	56.845	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	405730	58.002	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	229558	54.658	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	234299	54.095	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	231756	53.542	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	32963	52.949	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	165377	51.192	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	151868	54.968	ug/L	100
71) Naphthalene	13.500	128	512415	64.105	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	150738	52.790	ug/L	97

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

