

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062521\
 Data File : VW021565.D
 Acq On : 25 Jun 2021 09:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050174

Manual Integrations
 APPROVED

MMDadoda
 6/28/2021 2:11:24 PM

Quant Time: Jun 26 02:24:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 25 03:01:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	464480	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	436184	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	236169	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	132964	43.480	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.960%
7) Chloroethane-d5	1.568	69	112035	49.249	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.500%
11) 1,1-Dichloroethene-d2	2.108	63	251700	48.168	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.340%
21) 2-Butanone-d5	3.899	46	259072	118.142	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.140%
24) Chloroform-d	4.352	84	294785	48.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.840%
26) 1,2-Dichloroethane-d4	5.034	65	174182	49.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.360%
32) Benzene-d6	5.053	84	576750	47.266	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.540%
36) 1,2-Dichloropropane-d6	6.072	67	184226	48.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.780%
41) Toluene-d8	7.317	98	533541	45.894	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.780%
43) trans-1,3-Dichloroprop...	7.622	79	94048	46.636	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.280%
47) 2-Hexanone-d5	8.088	63	184468	106.609	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.610%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	265512	50.759	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.520%
66) 1,2-Dichlorobenzene-d4	11.625	152	220003	44.813	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	144439	44.865	ug/L	100
3) Chloromethane	1.240	50	153428	47.840	ug/L	98
5) Vinyl chloride	1.311	62	162232	49.287	ug/L	98
6) Bromomethane	1.523	94	106995	47.464	ug/L	100
8) Chloroethane	1.584	64	102375	54.703	ug/L	98
9) Trichlorofluoromethane	1.754	101	225586	46.204	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	141240	49.766	ug/L	93
12) 1,1-Dichloroethene	2.118	96	132134	48.471	ug/L	95
13) Acetone	2.195	43	248899m	131.916	ug/L	
14) Carbon disulfide	2.294	76	398524	46.371	ug/L	100
15) Methyl Acetate	2.436	43	188439	58.289	ug/L	97
16) Methylene chloride	2.507	84	174130	50.990	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	156320	50.262	ug/L	95
18) Methyl tert-butyl Ether	2.767	73	532993	54.058	ug/L	99
19) 1,1-Dichloroethane	3.192	63	292416	53.056	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	179316	51.535	ug/L	92
22) 2-Butanone	3.979	43	315435	131.974	ug/L	98
23) Bromochloromethane	4.249	128	94391	48.981	ug/L	94
25) Chloroform	4.378	83	304146	53.327	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	221442	56.201	ug/L	100
29) Cyclohexane	4.680	56	263499	51.854	ug/L	97
30) 1,1,1-Trichloroethane	4.613	97	274537	50.987	ug/L	98
31) Carbon tetrachloride	4.831	117	241630	49.432	ug/L	99
33) Benzene	5.101	78	653575	52.351	ug/L	100
34) Trichloroethene	5.915	95	176008	51.866	ug/L	95
35) Methylcyclohexane	6.134	83	275962	50.658	ug/L	98
37) 1,2-Dichloropropane	6.175	63	174246	54.739	ug/L	100
38) Bromodichloromethane	6.513	83	235897	52.812	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	286049	53.449	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	522909	121.154	ug/L	98
42) Toluene	7.388	91	711945	51.405	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	270352	53.398	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	172581	53.419	ug/L	98
46) Tetrachloroethene	7.976	164	139738	44.788	ug/L	97
48) 2-Hexanone	8.140	43	418968	126.569	ug/L	97
49) Dibromochloromethane	8.249	129	200967	49.677	ug/L	99
50) 1,2-Dibromoethane	8.352	107	185581	52.191	ug/L #	98
51) Chlorobenzene	8.883	112	462534	50.515	ug/L	98
52) Ethylbenzene	9.014	91	796085	52.333	ug/L	99
53) m,p-Xylene	9.140	106	301911	51.655	ug/L	98
54) o-Xylene	9.545	106	296460	51.371	ug/L	100
55) Styrene	9.561	104	512756	51.625	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	277137	54.954	ug/L	99
59) Bromoform	9.731	173	153046	48.029	ug/L #	98
60) Isopropylbenzene	9.934	105	797082	54.466	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	224544	60.511	ug/L	97
62) 1,3,5-Trimethylbenzene	10.539	105	673634	53.469	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	690745	54.274	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	375397	50.784	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	375153	50.268	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	378049	51.077	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	66760	57.749	ug/L	84
69) 1,3,5-Trichlorobenzene	12.645	180	289324	46.397	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	252620	45.346	ug/L	98
71) Naphthalene	13.503	128	783167	50.966	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	249624	46.034	ug/L	99

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

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