

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062321\
 Data File : VW021557.D
 Acq On : 23 Jun 2021 14:55
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050171

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 12:57:55 PM

Quant Time: Jun 24 02:33:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 24 02:30:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	474503	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	439469	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	237749	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	136757	43.775	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.560%
7) Chloroethane-d5	1.568	69	118046	50.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.108	63	252981	47.390	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.780%
21) 2-Butanone-d5	3.896	46	257435	114.916	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.920%
24) Chloroform-d	4.349	84	305893	49.188	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.380%
26) 1,2-Dichloroethane-d4	5.031	65	182988	51.086	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.180%
32) Benzene-d6	5.050	84	597692	48.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.240%
36) 1,2-Dichloropropane-d6	6.069	67	188173	49.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.120%
41) Toluene-d8	7.317	98	553748	47.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.560%
43) trans-1,3-Dichloroprop...	7.622	79	97894	48.181	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.360%
47) 2-Hexanone-d5	8.088	63	183810	105.435	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.430%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	267207	50.701	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	228909	46.318	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	139792	42.504	ug/L	99
3) Chloromethane	1.240	50	147645	45.064	ug/L	100
5) Vinyl chloride	1.310	62	155997	46.392	ug/L	99
6) Bromomethane	1.523	94	104203	45.249	ug/L	100
8) Chloroethane	1.584	64	98686	51.618	ug/L	100
9) Trichlorofluoromethane	1.751	101	216799	43.466	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	135859	46.859	ug/L	91
12) 1,1-Dichloroethene	2.118	96	125905	45.211	ug/L	93
13) Acetone	2.195	43	183489m	95.195	ug/L	
14) Carbon disulfide	2.291	76	388080	44.202	ug/L	99
15) Methyl Acetate	2.436	43	176610	53.476	ug/L	98
16) Methylene chloride	2.507	84	166427	47.705	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	149480	47.048	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	508431	50.478	ug/L	98
19) 1,1-Dichloroethane	3.188	63	285602	50.725	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	173588	48.835	ug/L	96
22) 2-Butanone	3.979	43	257349	105.397	ug/L	97
23) Bromochloromethane	4.249	128	91387	46.421	ug/L	94
25) Chloroform	4.375	83	287562	49.354	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	212325	52.749	ug/L	99
29) Cyclohexane	4.677	56	252520	49.322	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	258368	47.625	ug/L	97
31) Carbon tetrachloride	4.828	117	227299	46.153	ug/L	100
33) Benzene	5.098	78	628443	49.962	ug/L	100
34) Trichloroethene	5.915	95	165158	48.305	ug/L	96
35) Methylcyclohexane	6.130	83	263539	48.016	ug/L	98
37) 1,2-Dichloropropane	6.172	63	163309	50.920	ug/L	99
38) Bromodichloromethane	6.510	83	226124	50.245	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	268669	49.826	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	480769	110.558	ug/L	98
42) Toluene	7.387	91	680633	48.777	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	255068	50.003	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	164245	50.459	ug/L	96
46) Tetrachloroethene	7.976	164	134080	42.653	ug/L	94
48) 2-Hexanone	8.140	43	360247	108.016	ug/L	99
49) Dibromochloromethane	8.246	129	190606	46.763	ug/L	98
50) 1,2-Dibromoethane	8.352	107	173650	48.470	ug/L #	99
51) Chlorobenzene	8.883	112	443240	48.046	ug/L	98
52) Ethylbenzene	9.011	91	759593	49.561	ug/L	99
53) m,p-Xylene	9.140	106	285261	48.441	ug/L	98
54) o-Xylene	9.545	106	282152	48.526	ug/L	99
55) Styrene	9.561	104	491386	49.104	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	257482	50.675	ug/L	99
59) Bromoform	9.731	173	141920	44.241	ug/L #	98
60) Isopropylbenzene	9.931	105	761390	51.682	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	207182	55.461	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	643840	50.765	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	656214	51.218	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	352872	47.420	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	358600	47.731	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	358042	48.053	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	60820	52.261	ug/L	84
69) 1,3,5-Trichlorobenzene	12.648	180	268825	42.823	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	236196	42.116	ug/L	98
71) Naphthalene	13.503	128	709997	45.897	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	232179	42.533	ug/L	98

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

