

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041921\
 Data File : VW021065.D
 Acq On : 19 Apr 2021 19:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050174

Manual Integrations
 APPROVED

MMDadoda
 4/20/2021 12:26:26 PM

Quant Time: Apr 20 01:41:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 20 01:39:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	387972	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	377880	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	223000	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	102966	48.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.58%		
7) Chloroethane-d5	1.574	69	82059	49.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.92%		
11) 1,1-Dichloroethene-d2	2.111	63	239738	52.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	105.90%		
21) 2-Butanone-d5	3.912	46	126318	91.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.00%		
24) Chloroform-d	4.355	84	268473	51.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.48%		
26) 1,2-Dichloroethane-d4	5.040	65	193100	54.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.06%		
32) Benzene-d6	5.056	84	444342	47.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.26%		
36) 1,2-Dichloropropane-d6	6.075	67	114070	44.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.08%		
41) Toluene-d8	7.320	98	456542	49.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.76%		
43) trans-1,3-Dichloroprop...	7.625	79	79828	50.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.02%		
47) 2-Hexanone-d5	8.098	63	105275	94.63	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.63%		
56) 1,1,2,2-Tetrachloroeth...	10.223	84	192375	45.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.66%		
66) 1,2-Dichlorobenzene-d4	11.632	152	215832	47.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.82%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	153685	49.81	ug/L	97
3) Chloromethane	1.243	50	87839	42.27	ug/L	97
5) Vinyl chloride	1.314	62	105584	45.65	ug/L	98
6) Bromomethane	1.526	94	83845	49.03	ug/L	99
8) Chloroethane	1.590	64	64992	43.44	ug/L	99
9) Trichlorofluoromethane	1.757	101	280751	51.38	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	127272	49.22	ug/L	99
12) 1,1-Dichloroethene	2.121	96	113118	48.70	ug/L	94
13) Acetone	2.214	43	101042m	86.90	ug/L	
14) Carbon disulfide	2.297	76	290729	45.45	ug/L	100
15) Methyl Acetate	2.445	43	87284	44.60	ug/L	97
16) Methylene chloride	2.513	84	122381	46.83	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	117800	47.67	ug/L	99
18) Methyl tert-butyl Ether	2.773	73	405277	52.21	ug/L	98
19) 1,1-Dichloroethane	3.195	63	201288	47.53	ug/L	97
20) cis-1,2-Dichloroethene	3.918	96	127491	48.41	ug/L	95
22) 2-Butanone	3.995	43	127806m	90.02	ug/L	
23) Bromochloromethane	4.256	128	75529	48.25	ug/L	92
25) Chloroform	4.381	83	273543	50.72	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	222088	53.89	ug/L	97
29) Cyclohexane	4.680	56	148570	45.12	ug/L	95
30) 1,1,1-Trichloroethane	4.613	97	274227	54.06	ug/L	99
31) Carbon tetrachloride	4.834	117	256541	54.44	ug/L	100
33) Benzene	5.104	78	450559	47.73	ug/L	100
34) Trichloroethene	5.918	95	134429	49.44	ug/L	98
35) Methylcyclohexane	6.137	83	186897	47.29	ug/L	98
37) 1,2-Dichloropropane	6.178	63	102881	45.97	ug/L	99
38) Bromodichloromethane	6.513	83	200021	52.34	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	200556	51.25	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	260327	94.68	ug/L	99
42) Toluene	7.391	91	529925	49.78	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	205851	50.91	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	126186	48.54	ug/L	97
46) Tetrachloroethene	7.979	164	127761	49.37	ug/L	93
48) 2-Hexanone	8.146	43	205320	96.31	ug/L	99
49) Dibromochloromethane	8.249	129	179852	51.94	ug/L	98
50) 1,2-Dibromoethane	8.358	107	140022	48.42	ug/L #	90
51) Chlorobenzene	8.886	112	372538	49.67	ug/L	99
52) Ethylbenzene	9.017	91	620160	51.49	ug/L	99
53) m,p-Xylene	9.143	106	239563	50.56	ug/L	96
54) o-Xylene	9.548	106	238926	52.17	ug/L	99
55) Styrene	9.564	104	409796	52.18	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.246	83	189150	45.79	ug/L	98
59) Bromoform	9.738	173	144824	49.90	ug/L	98
60) Isopropylbenzene	9.937	105	668714	50.88	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	162581	46.41	ug/L	98
62) 1,3,5-Trimethylbenzene	10.545	105	583873	51.92	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	593818	52.03	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	324330	48.12	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	329667	46.60	ug/L	98
67) 1,2-Dichlorobenzene	11.651	146	331772	47.49	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.435	75	55468	53.16	ug/L	98
69) 1,3,5-Trichlorobenzene	12.651	180	251771	47.44	ug/L	97
70) 1,2,4-trichlorobenzene	13.268	180	207907	47.38	ug/L	99
71) Naphthalene	13.509	128	610062	53.36	ug/L	99
72) 1,2,3-Trichlorobenzene	13.754	180	216404	49.04	ug/L	97

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

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