

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052721\
 Data File : VW021446.D
 Acq On : 27 May 2021 16:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050189

Quant Time: May 28 03:23:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 28 02:47:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	489400	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	459194	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	265448	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	145300	45.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.18%
7) Chloroethane-d5	1.565	69	92064	38.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.82%
11) 1,1-Dichloroethene-d2	2.111	63	258679	46.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.96%
21) 2-Butanone-d5	3.876	46	229907	99.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.50%
24) Chloroform-d	4.349	84	304650	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.034	65	177176	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
32) Benzene-d6	5.050	84	605166	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
36) 1,2-Dichloropropane-d6	6.072	67	188440	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.00%
41) Toluene-d8	7.317	98	576384	47.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.20%
43) trans-1,3-Dichloroprop...	7.622	79	101007	47.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.16%
47) 2-Hexanone-d5	8.088	63	179825	98.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.72%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	265033	48.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.26%
66) 1,2-Dichlorobenzene-d4	11.625	152	262154	47.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.02%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	164574	48.52	ug/L	99
3) Chloromethane	1.240	50	164962	48.82	ug/L	99
5) Vinyl chloride	1.311	62	170682	49.21	ug/L	99
6) Bromomethane	1.520	94	99446	41.87	ug/L	98
8) Chloroethane	1.581	64	89247	45.26	ug/L	99
9) Trichlorofluoromethane	1.751	101	258107	50.17	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	148150	49.54	ug/L	99
12) 1,1-Dichloroethene	2.118	96	142375	49.57	ug/L	97
13) Acetone	2.166	43	159144	80.05	ug/L #	86
14) Carbon disulfide	2.294	76	437765	48.34	ug/L	100
15) Methyl Acetate	2.430	43	171073	50.22	ug/L	98
16) Methylene chloride	2.507	84	173535	48.23	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	161325	49.23	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	511385	49.23	ug/L	99
19) 1,1-Dichloroethane	3.192	63	287327	49.48	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	180658	49.28	ug/L	99
22) 2-Butanone	3.960	43	241620	95.94	ug/L	95
23) Bromochloromethane	4.249	128	100443	49.47	ug/L	96
25) Chloroform	4.378	83	295030	49.09	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	207942	50.09	ug/L	100
29) Cyclohexane	4.680	56	260441	48.68	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	274640	48.45	ug/L	99
31) Carbon tetrachloride	4.831	117	252033	48.98	ug/L	99
33) Benzene	5.101	78	638554	48.58	ug/L	100
34) Trichloroethene	5.915	95	173963	48.69	ug/L	99
35) Methylcyclohexane	6.134	83	274578	47.88	ug/L	99
37) 1,2-Dichloropropane	6.175	63	164216	49.00	ug/L	99
38) Bromodichloromethane	6.510	83	230322	48.98	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	278379	49.41	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	449944	99.02	ug/L	99
42) Toluene	7.388	91	713738	48.95	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	264877	49.70	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	167211	49.16	ug/L	99
46) Tetrachloroethene	7.976	164	160255	48.79	ug/L	99
48) 2-Hexanone	8.140	43	346350	99.39	ug/L	99
49) Dibromochloromethane	8.246	129	208863	49.04	ug/L	98
50) 1,2-Dibromoethane	8.352	107	182631	48.79	ug/L	100
51) Chlorobenzene	8.883	112	471175	48.88	ug/L	99
52) Ethylbenzene	9.011	91	790743	49.38	ug/L	99
53) m,p-Xylene	9.140	106	301834	49.05	ug/L	97
54) o-Xylene	9.545	106	301046	49.55	ug/L	99
55) Styrene	9.561	104	516058	49.35	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	262455	49.43	ug/L	100
59) Bromoform	9.731	173	178442	49.82	ug/L	100
60) Isopropylbenzene	9.931	105	806004	49.00	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	204059	48.92	ug/L	100
62) 1,3,5-Trimethylbenzene	10.539	105	685527	48.41	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	701786	49.06	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	407183	49.01	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	405111	48.30	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	404789	48.66	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	64557	49.68	ug/L	99
69) 1,3,5-Trichlorobenzene	12.645	180	344716	49.18	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	309581	49.44	ug/L	99
71) Naphthalene	13.500	128	878991	50.89	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	303335	49.77	ug/L	100

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

