

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052721\
 Data File : VW021439.D
 Acq On : 27 May 2021 11:13
 Operator : SY/MD
 Sample : VSTD05061
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050161

Manual Integrations
 APPROVED

MMDadoda
 5/28/2021 3:06:09 PM

Quant Time: May 28 02:38:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 28 02:37:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	500281	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	463867	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	264365	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	162064	67.00	ug/L	0.00
7) Chloroethane-d5	1.568	69	120691	58.19	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	271401	44.74	ug/L	0.00
21) 2-Butanone-d5	3.886	46	241398	127.08	ug/L	0.00
24) Chloroform-d	4.352	84	323704	46.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	187298	37.76	ug/L	0.00
32) Benzene-d6	5.053	84	645841	58.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	199526	66.78	ug/L	0.00
41) Toluene-d8	7.317	98	616071	54.77	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	106943	52.10	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	188402	137.37	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	280178	60.56	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	271706	51.65	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	164904	41.86	ug/L	100
3) Chloromethane	1.240	50	165881	63.47	ug/L	100
5) Vinyl chloride	1.311	62	173533	55.29	ug/L	100
6) Bromomethane	1.523	94	117809	49.20	ug/L	100
8) Chloroethane	1.584	64	98608	50.17	ug/L	100
9) Trichlorofluoromethane	1.751	101	250246	33.74	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	145613	42.60	ug/L	100
12) 1,1-Dichloroethene	2.118	96	140782	45.45	ug/L	100
13) Acetone	2.179	43	188365m	90.56	ug/L	
14) Carbon disulfide	2.294	76	442382	54.58	ug/L	100
15) Methyl Acetate	2.433	43	165917	61.35	ug/L	100
16) Methylene chloride	2.507	84	172505	52.63	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	163599	51.28	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	515473	46.46	ug/L	100
19) 1,1-Dichloroethane	3.191	63	288501	52.13	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	180540	51.63	ug/L	100
22) 2-Butanone	3.970	43	252889	118.40	ug/L	100
23) Bromochloromethane	4.253	128	100460	50.79	ug/L	100
25) Chloroform	4.378	83	296083	42.67	ug/L	100
27) 1,2-Dichloroethane	5.133	62	209914	34.59	ug/L	100
29) Cyclohexane	4.680	56	262702	62.86	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	278094	40.18	ug/L	100
31) Carbon tetrachloride	4.831	117	252857	39.22	ug/L	100
33) Benzene	5.101	78	645634	53.28	ug/L	100
34) Trichloroethene	5.915	95	175598	46.10	ug/L	100
35) Methylcyclohexane	6.133	83	276028	54.15	ug/L	100
37) 1,2-Dichloropropane	6.175	63	166333	61.51	ug/L	100
38) Bromodichloromethane	6.513	83	231825	44.38	ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	281982	56.03	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	455857	121.64	ug/L	100
42) Toluene	7.391	91	718128	51.34	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	263729	49.66	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	169352	51.84	ug/L	100
46) Tetrachloroethene	7.979	164	160881	48.98	ug/L	100
48) 2-Hexanone	8.140	43	353074	119.21	ug/L	100
49) Dibromochloromethane	8.249	129	211312	46.78	ug/L	100
50) 1,2-Dibromoethane	8.352	107	184890	50.68	ug/L	100
51) Chlorobenzene	8.883	112	473913	49.42	ug/L	100
52) Ethylbenzene	9.014	91	787861	49.40	ug/L	100
53) m,p-Xylene	9.140	106	306045	48.96	ug/L	100
54) o-Xylene	9.545	106	301068	49.89	ug/L	100
55) Styrene	9.561	104	520506	50.53	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	262410	57.43	ug/L	100
59) Bromoform	9.731	173	176954	49.57	ug/L	100
60) Isopropylbenzene	9.931	105	808209	48.08	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	205444	47.63	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	691706	47.49	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	704282	48.01	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	408950	49.73	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	402816	47.84	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	405694	49.07	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	62993	43.45	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	343177	53.08	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	313456	58.50	ug/L	100
71) Naphthalene	13.503	128	890808	60.37	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	306103	56.88	ug/L	100

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

