

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031321\
 Data File : VW020565.D
 Acq On : 12 Mar 2021 14:49
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 10:05:57 AM

Quant Time: Mar 12 15:31:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 15:29:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	468019	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	461355	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	235046	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	188858	53.88	ug/L	0.00
7) Chloroethane-d5	1.571	69	152944	55.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	359059	59.27	ug/L	0.00
21) 2-Butanone-d5	3.899	46	263027	138.36	ug/L	0.00
24) Chloroform-d	4.352	84	335620	55.32	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	223840	58.97	ug/L	0.00
32) Benzene-d6	5.053	84	658694	55.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	210986	57.84	ug/L	0.00
41) Toluene-d8	7.320	98	589529	52.40	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	101931	58.89	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	168509	128.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	263472	55.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.631	152	223090	48.85	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	193755	46.10	ug/L	100
3) Chloromethane	1.243	50	231862	59.40	ug/L	99
5) Vinyl chloride	1.314	62	224651	55.57	ug/L	100
6) Bromomethane	1.526	94	132779	49.32	ug/L	96
8) Chloroethane	1.587	64	139664	60.22	ug/L	100
9) Trichlorofluoromethane	1.754	101	297962	51.75	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	164386	52.91	ug/L	98
12) 1,1-Dichloroethene	2.121	96	158468	51.81	ug/L	86
13) Acetone	2.191	43	198269	144.50	ug/L	95
14) Carbon disulfide	2.297	76	476554	54.89	ug/L	99
15) Methyl Acetate	2.439	43	210054	70.37	ug/L	95
16) Methylene chloride	2.510	84	184942	55.17	ug/L	95
17) trans-1,2-Dichloroethene	2.764	96	172358	53.89	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	526858	59.16	ug/L	99
19) 1,1-Dichloroethane	3.195	63	329444	59.69	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	184520m	54.79	ug/L	
22) 2-Butanone	3.979	43	292390	145.55	ug/L	95
23) Bromochloromethane	4.252	128	90244	48.24	ug/L	98
25) Chloroform	4.378	83	341011	56.33	ug/L	96
27) 1,2-Dichloroethane	5.133	62	269869	59.85	ug/L	99
29) Cyclohexane	4.680	56	294610	66.06	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	283559	54.98	ug/L	100
31) Carbon tetrachloride	4.831	117	233331	51.68	ug/L	100
33) Benzene	5.101	78	725013	57.83	ug/L	100
34) Trichloroethene	5.918	95	202533	54.53	ug/L	99
35) Methylcyclohexane	6.137	83	280976	57.87	ug/L	100
37) 1,2-Dichloropropane	6.178	63	186573	59.15	ug/L	100
38) Bromodichloromethane	6.513	83	241514	57.03	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	279717	58.78	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	590685	150.62	ug/L	96
42) Toluene	7.391	91	765461	56.18	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	279273	59.99	ug/L	99

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45) 1,1,2-Trichloroethane	7.844	97	178821	54.15	ug/L	98
46) Tetrachloroethene	7.979	164	129496	43.89	ug/L	99
48) 2-Hexanone	8.143	43	454254	148.91	ug/L	96
49) Dibromochloromethane	8.249	129	181736	51.15	ug/L	95
50) 1,2-Dibromoethane	8.355	107	182043	51.73	ug/L	100
51) Chlorobenzene	8.886	112	470989	49.97	ug/L	98
52) Ethylbenzene	9.017	91	865319	57.26	ug/L	99
53) m,p-Xylene	9.143	106	310385	53.72	ug/L	99
54) o-xylene	9.548	106	302255	54.33	ug/L	97
55) Styrene	9.564	104	540910	56.17	ug/L	97
56) Isopropylbenzene	9.937	105	829677	55.88	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	259024	56.91	ug/L	97
59) 1,2,3-Trichloropropane	10.278	75	236579	56.58	ug/L	99
61) Bromoform	9.734	173	118636	50.30	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	376402	52.53	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	382128	51.15	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	366916	50.91	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	56633	62.23	ug/L	91
67) 1,3,5-Trichlorobenzene	12.651	180	263568	48.17	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	233700	49.51	ug/L	98
69) Naphthalene	13.509	128	779554	59.91	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	233846	49.11	ug/L	99

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

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