

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030521\
 Data File : VW020469.D
 Acq On : 05 Mar 2021 12:18
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

Quant Time: Mar 05 13:09:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 05 13:07:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	573125	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	565839	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	331891	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	423020	101.98	ug/L	0.00
7) Chloroethane-d5	1.568	69	316979	94.18	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	706384	91.82	ug/L	0.00
21) 2-Butanone-d5	3.883	46	455416	200.11	ug/L	0.00
24) Chloroform-d	4.352	84	733092	99.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	448811	96.34	ug/L	0.00
32) Benzene-d6	5.053	84	1482177	101.54	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	438819	100.60	ug/L	0.00
41) Toluene-d8	7.320	98	1466128	106.40	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	230020	104.35	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	386907	219.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	622764	101.05	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.632	152	666838	105.36	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	514044	101.40	ug/L	100
3) Chloromethane	1.243	50	443496	98.36	ug/L	99
5) Vinyl chloride	1.310	62	476862	98.96	ug/L	100
6) Bromomethane	1.523	94	323585	104.91	ug/L	95
8) Chloroethane	1.584	64	255342	86.64	ug/L	98
9) Trichlorofluoromethane	1.751	101	685510	99.30	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	370327	101.19	ug/L	# 84
12) 1,1-Dichloroethene	2.117	96	362045	101.59	ug/L	72
13) Acetone	2.175	43	288088	180.76	ug/L	88
14) Carbon disulfide	2.294	76	1038444	100.04	ug/L	99
15) Methyl Acetate	2.433	43	325178	94.56	ug/L	# 87
16) Methylene chloride	2.506	84	383384	98.39	ug/L	84
17) trans-1,2-Dichloroethene	2.761	96	383500	104.17	ug/L	86
18) Methyl tert-butyl Ether	2.770	73	1087412	98.66	ug/L	# 93
19) 1,1-Dichloroethane	3.191	63	634073	95.96	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	418204	105.25	ug/L	81
22) 2-Butanone	3.966	43	471112	205.86	ug/L	86
23) Bromochloromethane	4.249	128	230325	106.46	ug/L	# 72
25) Chloroform	4.378	83	707108	100.18	ug/L	96
27) 1,2-Dichloroethane	5.133	62	515188	94.05	ug/L	# 93
29) Cyclohexane	4.680	56	539120	96.73	ug/L	86
30) 1,1,1-Trichloroethane	4.613	97	627169	100.68	ug/L	94
31) Carbon tetrachloride	4.831	117	558063	102.40	ug/L	99
33) Benzene	5.101	78	1508363	100.24	ug/L	100
34) Trichloroethene	5.915	95	429213	102.60	ug/L	89
35) Methylcyclohexane	6.133	83	613871	100.08	ug/L	89
37) 1,2-Dichloropropane	6.175	63	371999	98.49	ug/L	# 97
38) Bromodichloromethane	6.513	83	520581	99.93	ug/L	# 99
39) cis-1,3-Dichloropropene	7.030	75	621073	103.48	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	920432	195.75	ug/L	# 87
42) Toluene	7.391	91	1706580	102.89	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	608768	104.97	ug/L	100

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45) 1,1,2-Trichloroethane	7.841	97	398572	101.15	ug/L	96
46) Tetrachloroethene	7.979	164	372000	108.50	ug/L	92
48) 2-Hexanone	8.143	43	721413	200.58	ug/L #	87
49) Dibromochloromethane	8.249	129	470866	108.50	ug/L	98
50) 1,2-Dibromoethane	8.355	107	443264	104.97	ug/L #	99
51) Chlorobenzene	8.886	112	1162440	104.19	ug/L	94
52) Ethylbenzene	9.017	91	1889852	103.87	ug/L	96
53) m,p-Xylene	9.143	106	752618	107.67	ug/L	91
54) o-xylene	9.548	106	736129	108.16	ug/L	92
55) Styrene	9.564	104	1296519	111.00	ug/L	92
56) Isopropylbenzene	9.937	105	1937521	106.92	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.246	83	597111	98.65	ug/L #	97
59) 1,2,3-Trichloropropane	10.278	75	510849	100.81	ug/L	99
61) Bromoform	9.734	173	360808	107.36	ug/L #	97
62) 1,3-Dichlorobenzene	11.188	146	1021830	104.05	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	1034241	102.52	ug/L	97
65) 1,2-Dichlorobenzene	11.651	146	1030399	104.85	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	141066	98.82	ug/L #	64
67) 1,3,5-Trichlorobenzene	12.651	180	815303	106.14	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	739752	109.28	ug/L	96
69) Naphthalene	13.509	128	2204177	114.79	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	751409	110.86	ug/L	97

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

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