

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020321\
 Data File : VW020258.D
 Acq On : 03 Feb 2021 15:51
 Operator : SY/MD
 Sample : VSTD10063
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10063

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 4:35:38 PM

Quant Time: Feb 03 16:12:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 15:54:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	620674	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.855	117	602875	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	369462	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	241170	61.86	ug/L	0.00
7) Chloroethane-d5	1.569	69	201409	66.86	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.110	63	481919	78.16	ug/L	0.00
21) 2-Butanone-d5	3.894	46	403168m	157.30	ug/L	0.00
24) Chloroform-d	4.354	84	635585	85.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.035	65	380540	79.87	ug/L	0.00
32) Benzene-d6	5.052	84	1236839	82.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	364363	80.19	ug/L	0.00
41) Toluene-d8	7.318	98	1237150	88.37	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	205406	91.23	ug/L	0.00
47) 2-Hexanone-d5	8.090	63	352442	174.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	573490	88.80	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.630	152	634504	93.07	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	313264	72.97	ug/L	99
3) Chloromethane	1.241	50	252240	55.39	ug/L	99
5) Vinyl chloride	1.312	62	282616	65.75	ug/L	100
6) Bromomethane	1.524	94	192841	76.49	ug/L	96
8) Chloroethane	1.585	64	167266	66.07	ug/L	99
9) Trichlorofluoromethane	1.753	101	477064	78.67	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	287022	87.85	ug/L	# 77
12) 1,1-Dichloroethene	2.119	96	265213	84.60	ug/L	# 63
13) Acetone	2.187	43	219582	138.55	ug/L	90
14) Carbon disulfide	2.296	76	739104	76.38	ug/L	99
15) Methyl Acetate	2.438	43	257293	66.52	ug/L	# 85
16) Methylene chloride	2.508	84	306802	78.33	ug/L	80
17) trans-1,2-Dichloroethene	2.762	96	305012	82.23	ug/L	84
18) Methyl tert-butyl Ether	2.772	73	911144	77.96	ug/L	93
19) 1,1-Dichloroethane	3.193	63	497736	73.83	ug/L	98
20) cis-1,2-Dichloroethene	3.913	96	346247	83.68	ug/L	75
22) 2-Butanone	3.978	43	360960	127.97	ug/L	87
23) Bromochloromethane	4.251	128	200425	88.76	ug/L	# 67
25) Chloroform	4.380	83	559795	76.52	ug/L	96
27) 1,2-Dichloroethane	5.132	62	414459m	72.00	ug/L	
29) Cyclohexane	4.682	56	429206	71.26	ug/L	85
30) 1,1,1-Trichloroethane	4.611	97	525294	77.07	ug/L	# 92
31) Carbon tetrachloride	4.833	117	479869	80.81	ug/L	99
33) Benzene	5.103	78	1186701	74.08	ug/L	100
34) Trichloroethene	5.917	95	334913	76.97	ug/L	83
35) Methylcyclohexane	6.135	83	505816	80.41	ug/L	88
37) 1,2-Dichloropropane	6.177	63	290615	73.57	ug/L	# 94
38) Bromodichloromethane	6.511	83	423079	75.94	ug/L	# 97
39) cis-1,3-Dichloropropene	7.029	75	503634	78.93	ug/L	98
40) 4-Methyl-2-pentanone	7.228	43	710566	127.48	ug/L	# 85
42) Toluene	7.389	91	1353295	78.73	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	492454	80.32	ug/L	99

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45) 1,1,2-Trichloroethane	7.842	97	326523	80.73	ug/L	95
46) Tetrachloroethene	7.978	164	339822	89.98	ug/L	90
48) 2-Hexanone	8.141	43	554240	135.18	ug/L #	86
49) Dibromochloromethane	8.251	129	404850	87.75	ug/L	97
50) 1,2-Dibromoethane	8.354	107	364472	82.77	ug/L #	100
51) Chlorobenzene	8.884	112	964655	83.39	ug/L	92
52) Ethylbenzene	9.016	91	1535645	82.87	ug/L	95
53) m,p-Xylene	9.141	106	618346	85.00	ug/L	90
54) o-xylene	9.547	106	604388	86.89	ug/L	89
55) Styrene	9.563	104	1069123	87.50	ug/L	92
56) Isopropylbenzene	9.936	105	1622395	87.84	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.248	83	506023	76.39	ug/L #	98
59) 1,2,3-Trichloropropane	10.280	75	399756	74.34	ug/L	99
61) Bromoform	9.736	173	349705	89.73	ug/L #	97
62) 1,3-Dichlorobenzene	11.186	146	884373	82.54	ug/L	95
63) 1,4-Dichlorobenzene	11.280	146	911759	82.41	ug/L	95
65) 1,2-Dichlorobenzene	11.649	146	882206	81.43	ug/L	95
66) 1,2-Dibromo-3-chloropr...	12.434	75	120759	73.78	ug/L #	51
67) 1,3,5-Trichlorobenzene	12.653	180	787732	85.84	ug/L	97
68) 1,2,4-trichlorobenzene	13.270	180	726236	86.90	ug/L	96
69) Naphthalene	13.508	128	1926138	82.62	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	713184	86.11	ug/L	97

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

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