

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020321\
 Data File : VW020257.D
 Acq On : 03 Feb 2021 15:28
 Operator : SY/MD
 Sample : VSTD05062
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 4:35:33 PM

Quant Time: Feb 03 15:56:52 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	620052	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.855	117	601548	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	354829	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	125000	32.10	ug/L	0.00
7) Chloroethane-d5	1.569	69	107839	35.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.109	63	262277	42.58	ug/L	0.00
21) 2-Butanone-d5	3.894	46	218174	85.21	ug/L	0.00
24) Chloroform-d	4.354	84	336710	45.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.035	65	204968	43.06	ug/L	0.00
32) Benzene-d6	5.055	84	653247	43.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	188943	41.68	ug/L	0.00
41) Toluene-d8	7.318	98	640434	45.85	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	103011	45.85	ug/L	0.00
47) 2-Hexanone-d5	8.093	63	181890	90.20	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	301574	46.80	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.630	152	327739	50.06	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	182006	42.44	ug/L	99
3) Chloromethane	1.241	50	153070	33.65	ug/L	98
5) Vinyl chloride	1.312	62	168557	39.26	ug/L	99
6) Bromomethane	1.524	94	113386	45.02	ug/L	94
8) Chloroethane	1.589	64	102701	40.61	ug/L	98
9) Trichlorofluoromethane	1.753	101	279919	46.21	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	170393	52.20	ug/L	# 78
12) 1,1-Dichloroethene	2.119	96	158489	50.61	ug/L	# 63
13) Acetone	2.193	43	139483	88.10	ug/L	92
14) Carbon disulfide	2.296	76	436587	45.16	ug/L	100
15) Methyl Acetate	2.437	43	155732m	40.30	ug/L	
16) Methylene chloride	2.508	84	186169	47.58	ug/L	80
17) trans-1,2-Dichloroethene	2.762	96	180241	48.64	ug/L	84
18) Methyl tert-butyl Ether	2.772	73	556143	47.64	ug/L	# 92
19) 1,1-Dichloroethane	3.193	63	298280	44.29	ug/L	97
20) cis-1,2-Dichloroethene	3.916	96	202991	49.11	ug/L	73
22) 2-Butanone	3.981	43	219094	77.75	ug/L	89
23) Bromochloromethane	4.251	128	118914	52.72	ug/L	# 67
25) Chloroform	4.379	83	340382	46.57	ug/L	98
27) 1,2-Dichloroethane	5.132	62	251392m	43.71	ug/L	
29) Cyclohexane	4.682	56	246270	40.98	ug/L	# 84
30) 1,1,1-Trichloroethane	4.614	97	313616	46.12	ug/L	# 93
31) Carbon tetrachloride	4.833	117	281365	47.49	ug/L	97
33) Benzene	5.103	78	712442	44.57	ug/L	100
34) Trichloroethene	5.916	95	203340	46.84	ug/L	86
35) Methylcyclohexane	6.135	83	289178	46.07	ug/L	89
37) 1,2-Dichloropropane	6.177	63	175192	44.45	ug/L	# 94
38) Bromodichloromethane	6.514	83	253121	45.53	ug/L	# 99
39) cis-1,3-Dichloropropene	7.029	75	288234	45.27	ug/L	98
40) 4-Methyl-2-pentanone	7.228	43	433395	77.93	ug/L	# 86
42) Toluene	7.392	91	808004	47.11	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	281055	45.94	ug/L	99

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45) 1,1,2-Trichloroethane	7.842	97	198356	49.15	ug/L	93
46) Tetrachloroethene	7.977	164	202745	53.80	ug/L	89
48) 2-Hexanone	8.141	43	340536	83.24	ug/L #	88
49) Dibromochloromethane	8.251	129	239478	52.02	ug/L	98
50) 1,2-Dibromoethane	8.357	107	219578	49.98	ug/L #	100
51) Chlorobenzene	8.884	112	575377	49.85	ug/L	93
52) Ethylbenzene	9.016	91	905357	48.96	ug/L	95
53) m,p-Xylene	9.141	106	364398	50.20	ug/L	90
54) o-xylene	9.546	106	358051	51.59	ug/L	87
55) Styrene	9.563	104	631908	51.83	ug/L	92
56) Isopropylbenzene	9.936	105	945802	51.32	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.247	83	304443	46.06	ug/L #	96
59) 1,2,3-Trichloropropane	10.280	75	241185	44.95	ug/L	99
61) Bromoform	9.736	173	200148	53.47	ug/L #	97
62) 1,3-Dichlorobenzene	11.186	146	527495	51.26	ug/L	94
63) 1,4-Dichlorobenzene	11.276	146	532391	50.10	ug/L	96
65) 1,2-Dichlorobenzene	11.649	146	526540	50.60	ug/L	95
66) 1,2-Dibromo-3-chloropr...	12.434	75	70567	44.89	ug/L #	47
67) 1,3,5-Trichlorobenzene	12.652	180	458681	52.05	ug/L	97
68) 1,2,4-trichlorobenzene	13.270	180	419685	52.29	ug/L	96
69) Naphthalene	13.508	128	1113612	49.74	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	417182	52.45	ug/L	97

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

