

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012821\
 Data File : VW020188.D
 Acq On : 27 Jan 2021 13:10
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV64

Manual Integrations
 APPROVED

MMDadoda
 1/29/2021 11:58:38 AM

Quant Time: Jan 28 07:23:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 28 05:47:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	950180	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	843940	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	500169	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	352403	53.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.80%			
7) Chloroethane-d5	1.569	69	282018	55.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.10%			
11) 1,1-Dichloroethene-d2	2.110	63	505100	52.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.06%			
21) 2-Butanone-d5	3.891	46	446638	107.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.25%			
24) Chloroform-d	4.351	84	640653	53.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.78%			
26) 1,2-Dichloroethane-d4	5.035	65	414566	53.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.86%			
32) Benzene-d6	5.052	84	1214605	55.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.22%			
36) 1,2-Dichloropropane-d6	6.071	67	378497	56.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 112.50%			
41) Toluene-d8	7.318	98	1131238	55.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.26%			
43) trans-1,3-Dichloroprop...	7.624	79	194859	59.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 118.16%			
47) 2-Hexanone-d5	8.090	63	334492	112.51	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.51%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	482815	52.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.68%			
64) 1,2-Dichlorobenzene-d4	11.630	152	492349	51.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.84%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.129	85	352146	51.31	ug/L	100
3) Chloromethane	1.241	50	370866	49.15	ug/L	100
5) Vinyl chloride	1.312	62	360580	51.72	ug/L	99
6) Bromomethane	1.524	94	209696	52.48	ug/L	95
8) Chloroethane	1.585	64	219569	53.17	ug/L	99
9) Trichlorofluoromethane	1.753	101	428338	44.58	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	246465	50.66	ug/L #	83
12) 1,1-Dichloroethene	2.119	96	237775	50.65	ug/L	73
13) Acetone	2.183	43	232675	97.00	ug/L	96
14) Carbon disulfide	2.296	76	761262	49.96	ug/L	99
15) Methyl Acetate	2.434	43	317356	50.46	ug/L	95
16) Methylene chloride	2.508	84	315443	51.51	ug/L	93
17) trans-1,2-Dichloroethene	2.759	96	296455	51.35	ug/L	94
18) Methyl tert-butyl Ether	2.769	73	956292	52.31	ug/L	98
19) 1,1-Dichloroethane	3.190	63	554628	51.76	ug/L	98
20) cis-1,2-Dichloroethene	3.913	96	327928	51.12	ug/L	90
22) 2-Butanone	3.974	43	448406	98.16	ug/L	98
23) Bromochloromethane	4.248	128	177528	51.80	ug/L	85
25) Chloroform	4.376	83	582620	50.82	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.132	62	467218	51.09	ug/L	97
29) Cyclohexane	4.679	56	460609	52.06	ug/L	94
30) 1,1,1-Trichloroethane	4.611	97	512236	52.54	ug/L	97
31) Carbon tetrachloride	4.830	117	438732	51.98	ug/L	98
33) Benzene	5.100	78	1218554	52.83	ug/L	100
34) Trichloroethene	5.916	95	325510	52.62	ug/L	94
35) Methylcyclohexane	6.135	83	478231	52.90	ug/L	96
37) 1,2-Dichloropropane	6.177	63	322509m	55.99	ug/L	
38) Bromodichloromethane	6.511	83	435060	54.22	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	514555	55.86	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	886953	106.78	ug/L	97
42) Toluene	7.389	91	1298454	52.88	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	495374	55.69	ug/L	99
45) 1,1,2-Trichloroethane	7.842	97	315283	54.83	ug/L	97
46) Tetrachloroethene	7.977	164	270903	52.06	ug/L	93
48) 2-Hexanone	8.141	43	673962	110.20	ug/L	94
49) Dibromochloromethane	8.251	129	354155	54.88	ug/L	99
50) 1,2-Dibromoethane	8.357	107	342157	55.05	ug/L #	99
51) Chlorobenzene	8.884	112	806578	49.54	ug/L	97
52) Ethylbenzene	9.016	91	1329392	50.51	ug/L	97
53) m,p-Xylene	9.141	106	511195	49.87	ug/L	93
54) o-xylene	9.547	106	510762	52.42	ug/L	91
55) Styrene	9.566	104	898337	52.34	ug/L	94
56) Isopropylbenzene	9.936	105	1339803	51.05	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.247	83	460563	48.77	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	372046	48.41	ug/L	98
61) Bromoform	9.736	173	259668	48.34	ug/L #	98
62) 1,3-Dichlorobenzene	11.186	146	734826	50.77	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	760865	50.72	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	742716	49.28	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.437	75	120532	50.59	ug/L #	78
67) 1,3,5-Trichlorobenzene	12.653	180	612069	48.38	ug/L	97
68) 1,2,4-trichlorobenzene	13.270	180	571182	49.62	ug/L	97
69) Naphthalene	13.511	128	1667678	50.73	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	577096	50.43	ug/L	97

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

