

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030421\
 Data File : VW020457.D
 Acq On : 03 Mar 2021 19:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 9:13:36 AM

Quant Time: Mar 04 00:40:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 04 00:36:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	523289	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	524346	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.256	152	308629	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	160678	42.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.22%		
7) Chloroethane-d5	1.571	69	141909	45.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.68%		
11) 1,1-Dichloroethene-d2	2.111	63	303106	42.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.06%		
21) 2-Butanone-d5	3.892	46	220947	103.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.66%		
24) Chloroform-d	4.352	84	348573	51.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.68%		
26) 1,2-Dichloroethane-d4	5.037	65	217663	50.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.14%		
32) Benzene-d6	5.053	84	678096	49.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.82%		
36) 1,2-Dichloropropane-d6	6.072	67	207045	51.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.10%		
41) Toluene-d8	7.320	98	658618	51.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.18%		
43) trans-1,3-Dichloroprop...	7.625	79	100562	48.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.28%		
47) 2-Hexanone-d5	8.092	63	173448	102.80	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.80%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	302749	51.99	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.98%		
64) 1,2-Dichlorobenzene-d4	11.632	152	306373	52.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.92%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.131	85	217941	46.84	ug/L	100
3) Chloromethane	1.243	50	199495	48.23	ug/L	100
5) Vinyl chloride	1.314	62	210257	47.21	ug/L	99
6) Bromomethane	1.526	94	139147	49.99	ug/L	96
8) Chloroethane	1.587	64	126886	45.55	ug/L	100
9) Trichlorofluoromethane	1.754	101	321828	50.85	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	166536	49.44	ug/L #	84
12) 1,1-Dichloroethene	2.121	96	165801	51.08	ug/L #	65
13) Acetone	2.188	43	140875	93.63	ug/L	90
14) Carbon disulfide	2.298	76	405658	42.40	ug/L	98
15) Methyl Acetate	2.436	43	160032	49.99	ug/L #	89
16) Methylene chloride	2.510	84	185280	52.11	ug/L	82
17) trans-1,2-Dichloroethene	2.764	96	170456	50.65	ug/L	88
18) Methyl tert-butyl Ether	2.770	73	516143	50.50	ug/L #	93
19) 1,1-Dichloroethane	3.192	63	308585	50.48	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	192906	53.29	ug/L	82
22) 2-Butanone	3.976	43	216400	101.13	ug/L	89
23) Bromochloromethane	4.253	128	108678	55.52	ug/L #	74
25) Chloroform	4.378	83	348941	54.51	ug/L	98

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

27) 1,2-Dichloroethane	5.134	62	252543m	49.83	ug/L	
29) Cyclohexane	4.683	56	232895	43.81	ug/L	88
30) 1,1,1-Trichloroethane	4.613	97	293783	50.46	ug/L	95
31) Carbon tetrachloride	4.831	117	258293	51.01	ug/L	99
33) Benzene	5.101	78	712652	50.83	ug/L	100
34) Trichloroethene	5.918	95	205071	53.23	ug/L	88
35) Methylcyclohexane	6.137	83	253365	43.44	ug/L	91
37) 1,2-Dichloropropane	6.179	63	179808	50.63	ug/L #	96
38) Bromodichloromethane	6.513	83	246418	50.48	ug/L #	99
39) cis-1,3-Dichloropropene	7.031	75	280317	49.85	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	445055	99.39	ug/L #	88
42) Toluene	7.391	91	798443	51.77	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	270888	49.53	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	194043	53.09	ug/L	97
46) Tetrachloroethene	7.979	164	170360	54.11	ug/L	92
48) 2-Hexanone	8.143	43	353160	103.09	ug/L #	90
49) Dibromochloromethane	8.249	129	217219	53.86	ug/L	97
50) 1,2-Dibromoethane	8.355	107	208945	53.37	ug/L #	98
51) Chlorobenzene	8.886	112	542905	52.48	ug/L	94
52) Ethylbenzene	9.018	91	874507	51.34	ug/L	97
53) m,p-Xylene	9.143	106	342170	52.76	ug/L	93
54) o-xylene	9.548	106	332631	52.68	ug/L	94
55) Styrene	9.564	104	597206	54.96	ug/L	93
56) Isopropylbenzene	9.937	105	891387	52.61	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.246	83	284891	49.47	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	247467	51.97	ug/L	99
61) Bromoform	9.738	173	159500	50.79	ug/L #	98
62) 1,3-Dichlorobenzene	11.185	146	470259	51.51	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	482780	51.57	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	477861	52.43	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.436	75	58283	41.68	ug/L #	69
67) 1,3,5-Trichlorobenzene	12.654	180	361362	50.69	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	320601	50.68	ug/L	96
69) Naphthalene	13.509	128	939694	51.87	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	332059	52.73	ug/L	97

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

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