

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031121\
 Data File : VW020522.D
 Acq On : 11 Mar 2021 01:46
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:37:22 PM

Quant Time: Mar 11 03:03:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 03:02:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	552954	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	544431	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	315832	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	172825	42.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.28%
7) Chloroethane-d5	1.571	69	141187	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.96%
11) 1,1-Dichloroethene-d2	2.111	63	306395	44.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.72%
21) 2-Butanone-d5	3.902	46	205704	100.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.22%
24) Chloroform-d	4.352	84	331253	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
26) 1,2-Dichloroethane-d4	5.037	65	198718	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
32) Benzene-d6	5.053	84	658179	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.86%
36) 1,2-Dichloropropane-d6	6.075	67	195909	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.38%
41) Toluene-d8	7.320	98	649427	48.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.80%
43) trans-1,3-Dichloroprop...	7.625	79	94434	47.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.56%
47) 2-Hexanone-d5	8.091	63	162178	109.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.23%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	279298	50.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.56%
64) 1,2-Dichlorobenzene-d4	11.631	152	302376	48.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.80%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	241267	47.93	ug/L	100
3) Chloromethane	1.243	50	198641	45.40	ug/L	100
5) Vinyl chloride	1.314	62	212034	45.87	ug/L	99
6) Bromomethane	1.523	94	145507	45.79	ug/L	95
8) Chloroethane	1.587	64	124258	47.94	ug/L	98
9) Trichlorofluoromethane	1.754	101	324347	48.32	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	175912	48.89	ug/L	# 83
12) 1,1-Dichloroethene	2.117	96	169396	47.46	ug/L	70
13) Acetone	2.195	43	133352	93.02	ug/L	86
14) Carbon disulfide	2.294	76	452609	45.39	ug/L	100
15) Methyl Acetate	2.439	43	145397	45.66	ug/L	# 85
16) Methylene chloride	2.510	84	182570	47.46	ug/L	80
17) trans-1,2-Dichloroethene	2.760	96	173019	46.93	ug/L	84
18) Methyl tert-butyl Ether	2.770	73	487629	48.37	ug/L	# 91
19) 1,1-Dichloroethane	3.191	63	287496	46.37	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	190569	48.90	ug/L	76
22) 2-Butanone	3.985	43	201297	94.94	ug/L	88
23) Bromochloromethane	4.252	128	107669	48.32	ug/L	# 69
25) Chloroform	4.378	83	332754	48.00	ug/L	99

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

27) 1,2-Dichloroethane	5.137	62	234273	46.19	ug/L #	93
29) Cyclohexane	4.683	56	238978	49.23	ug/L #	84
30) 1,1,1-Trichloroethane	4.612	97	287615	48.55	ug/L #	93
31) Carbon tetrachloride	4.831	117	257341	48.89	ug/L	99
33) Benzene	5.101	78	692152	48.47	ug/L	100
34) Trichloroethene	5.918	95	203377	47.82	ug/L	86
35) Methylcyclohexane	6.136	83	272428	49.47	ug/L	89
37) 1,2-Dichloropropane	6.178	63	169502m	47.75	ug/L	
38) Bromodichloromethane	6.513	83	232389	48.06	ug/L #	96
39) cis-1,3-Dichloropropene	7.030	75	259474	47.81	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	401533	97.97	ug/L #	86
42) Toluene	7.390	91	784985	49.95	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	253205	47.97	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	187124	49.02	ug/L	97
46) Tetrachloroethene	7.979	164	178204	49.95	ug/L	93
48) 2-Hexanone	8.143	43	319320	99.53	ug/L #	87
49) Dibromochloromethane	8.249	129	211064	50.37	ug/L	97
50) 1,2-Dibromoethane	8.355	107	203261	49.31	ug/L #	98
51) Chlorobenzene	8.886	112	534506	48.32	ug/L	93
52) Ethylbenzene	9.017	91	852924	49.38	ug/L	96
53) m,p-Xylene	9.143	106	339587	50.37	ug/L	90
54) o-xylene	9.548	106	330104	50.87	ug/L	90
55) Styrene	9.564	104	583872	52.24	ug/L	93
56) Isopropylbenzene	9.937	105	868771	50.65	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.246	83	262667	50.20	ug/L #	98
59) 1,2,3-Trichloropropane	10.278	75	233353	48.77	ug/L	100
61) Bromoform	9.738	173	156221	49.17	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	466417	48.97	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	474900	47.71	ug/L	96
65) 1,2-Dichlorobenzene	11.651	146	466305	48.37	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	55091	47.61	ug/L #	63
67) 1,3,5-Trichlorobenzene	12.651	180	357699	48.11	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	316742	49.48	ug/L	96
69) Naphthalene	13.509	128	894507	52.22	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	327082	50.36	ug/L	97

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

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